



Sheep and Goat Raiser

The RANCHMAN'S MAGAZINE

OCTOBER 1957

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**NEWS - PHOTOS - ANALYSES AND REPORTS
OF LASTING INTEREST**

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a brand new conception in the art of feedmaking

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Chick Grower
Pullet Developer
Sta-Gro — Lay
Chick Scratch
Grain

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20.30% Premium Lay*
Special Lay
Breeder Lay
Economash

Cage Layer
Breeder Lay Mash
Appetite Booster Mash
Wormer Mash

Sta-Gro-Fat
Hi-Energy Broiler
Poultry Fattener
Poultry Supplement
Hen Scratch Grain

Breeder Range Cube
20% Special Range Cube
Top Hand Range Cube
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4-1 Range Meal Mix
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C. L. Green's
GQ
MINERAL

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Turkey Grower
Turkey Breeder-Lay
Turkey Finisher

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CLG Horse & Mule Feed
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(Feedlot)

Dog Feed
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Economy Hog Feed
Meat Maker Hog Supplement
F.F. Hog Ration

Club Lamb Feed
Creep Feed (Lamb)
Calf Starter
Calf Developer
Club Calf Fitting Feed
Calf Meal

Mill Feeds
Grain
Whole
Ground
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WEST TEXAS FEED FOR WEST TEXAS FEEDERS

C. L. Green Milling and Grain Co.

EST. 1915

WINTERS, TEXAS

READ THE TAG -- COMPARE -- BUY

C. L. Green's

PREMIUM QUALITY FEEDS

We are in the beginning of a new era in feeding progress. The modern feeder now has been educated to evaluate and compare competitive feeds, according to the nutritive requirements of a particular feeding operation.

There has long been a need for a feed formulated for the specialized conditions of West Texas.

In the case of Livestock Feed, range conditions are constantly changing. A feed that is sufficient today, may be deficient in a vital mineral next week.

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A feed that will produce excellent results in the relatively humid area of East Texas cannot be

expected to perform equally as well on the dry, arid plains of West Texas.

Several years ago, we, of C. L. Green Milling & Grain Co., endeavored to try to help remedy the defects of the feed situation in our area of West Texas. We secured the services of a prominent feed nutritionist to solve the problem. The past few years have proved the fact that a specialized feed is essential for economical production of livestock and poultry.

Careful selection of ingredients, utilizing as far as possible the raw materials grown on West Texas farms, and constant, careful supervision of all processes in the manufacture of our feeds have produced for West Texas feeders, premium quality feeds, that are outstanding in performance.

THERE IS A DEALER NEAR YOU

**WEST TEXAS FEEDS FOR WEST TEXAS
FEEDERS**

C. L. Green Milling and Grain Co.

EST. 1915

WINTERS, TEXAS

Sheep-Goat Raiser

THE RANCHMAN'S MAGAZINE
Established August, 1920

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SUBSCRIPTION PRICE
\$3 FOR ONE YEAR
\$10 FOR FIVE YEARS

\$2.00 per year to members of the Texas Sheep and Goat Raisers' Association. This is two-thirds the regular advertised price of \$3 per year to non-members. It is voluntary payment and is included in the dues to the Texas Sheep and Goat Raisers' Association which furnishes each member the magazine as part of its services. Dues of 50 cents per bag of wool and mohair are usually deducted by warehouse of grower at sale time.

Non-member subscriptions should be sent to magazine office direct. Dues to association office.

Entered as Second-Class Matter, March 31, 1932, at Post Office at San Angelo, Texas, under Act of March 3, 1897.

Directors' Meeting

TEXAS SHEEP AND GOAT RAISERS' ASSOCIATION
SEPTEMBER 21, 1957, UVALDE, TEXAS

PRESIDENT KINCAID called the fourth quarterly directors meeting to order at 1:30 P.M. The invocation was given by Garvis Marsh. Pete Knowles, President, Uvalde Chamber of Commerce, gave the address of welcome, and Stanton Bundy, Jr., Sonora, responded.

The following directors were present:

Dick Alexander, John Alexander, Lea Allison, Allie Allsup, J. M. Auld, Jr., Aubrey L. Baugh, Alvis Belcher, Dolph Briscoe, Jr., Austin Brown, Mark L. Browne, Lyster Brumley, S. S. Bundy, Jr., C. R. Butler, J. M. Chittim, Tom Collins, R. R. Coreth, V. Z. Cornelius, K. Cowser, John R. Crouch, Harry L. Curtis, W. R. Cusenbary, James L. Daniel, Arlie Davis, J. T. Davis, Murlin Davis, S. W. Dismukes, Joe Dobson, John G. Dooley, Leslie R. Duke, Fred T. Earwood, Clayton Egger, Arthur Eichenloff, Worth Evans, Albert Faltin, H. K. Fawcett, R. B. Ferguson, W. J. Fields, Jr., Earl Garrett, M. R. Garrison, Carlton Godbold.

Allen Haag, Gus Hartgrove, Scott Hartgrove, Jack Harwood, Arthur Henderson, Alfred Herbst, Raymond Hicks, R. W. Hodge, Pierce Hoggett, C. T. Holekamp, Ted Holekamp, Henry Horn, Fred Horner, Gay Howard, Bryan Hunt, Edwin Jackson, E. V. Jarrett, Frank Jones, Rankin Kennedy, T. A. Kincaid, Jr., Dick Lawhon, Dan Lehmberg, Jr., Charles E. Long, J. B. McCord, W. C. McCord, E. F. McEntire, P. K. McIntosh, C. L. McIver, J. O. McLerran, Floyd McMullan, Edwin Mayer, Sr., Len Mertz, Morty Mertz, H. J. Y. Mills, Hayes Mitchell, F. M. Montague, Jr., Billy Morris, Oscar Neunhoffer, Roy Nunley, W. S. Orr.

Leslie Pepper, Frank Perry, Jr., Miles Pierce, V. I. Pierce, Jimmie Powell, Jim Priour, Leonard Proctor, Clayton Puckett, G. C. Puckett, Felix Real, Jr., Rod Richardson, Jimmie Rieck, Pat Rose, Jr., David Schmidt, Henry J. Schmidt, Roy Schmidt, R. R. Schott, Clyde Sellers, Jr., Fred W. Shields, H. R. Sites, Rodolph Smith, L. M. Stephens, W. T. Stewardson, G. W. Stewart, Adolf Stieler, S. L. Stumberg, Noble Taylor, R. M. Thomson, George Tomlinson, Watt Turner, C. W. Wardlaw, F. H. Whitehead, W. W. Whitehead, W. J. Wilkinson, John T. Williams, B. E. Wilson, H. D. Winters, Gus Witting, Jr., Ray Wyatt.

Congressman O. C. Fisher, State Representatives Jack Richardson and George Thurmond, Brooks Sweeten, President, Texas Angora Goat Raisers Association, and Peggy Seay, Miss Wool of 1958, were introduced. Miss Seay spoke briefly of her desire to represent the industry in a credible manner. LaVerne Johnston, Miss Mohair of 1958, was introduced but was not at the men's meeting.

President's Report

In his report President Kincaid said that extension of the Wool Act of 1954 was probably the most important subject facing the industry. He told of efforts by the National Wool Growers Association in working for its extension, that there was considerable support in the Senate for extension but that feeling in the House was unknown. He said that the American Farm Bureau was opposed as was the Texas Farm Bureau.

Mr. Kincaid told of the Association's protests to the Commodity Credit Corporation on the recent cut in wool prices and of the recent meeting in Washington at which the Association was represented. He also mentioned the status of the Carpet Wool, Meat Promotion and Textile Labeling Bills.

He also reported briefly on the ASPC Lamb Promotion meeting in San Angelo and the program soon to get under way in Houston.

Secretary's Report

Income for the quarter ending August 31 was \$9,144.88, disbursements were \$7,659.82 or a gain of income over the disbursements of \$1,499.06.

Dues receipts of \$8,919.88 bring the total for the year to \$21,710.00. As of this date last year dues receipts were \$31,513.07. There are approximately 12 million pounds of wool still on hand though. Over \$1,400.00 was received the day after the books were closed and should be counted here.

Expenditures are as shown on the mimeographed report. The amount shown for Salaries, Miscellaneous and Regular, includes salaries paid for vacation hiring and for extra clerical work done.

Travel expense is for travel of officers within and outside the state; the out-of-state meeting being the meeting of the Executive Committee of the National Wool Growers Association in Salt Lake City in June.

Tax payments and office expenses are as shown and are in line with previous payments.

I want to explain the payment of \$2,219.31 to the Sheep and Goat Raiser. We have been operating under the new agreement with the magazine editor since January 1. The agreement calls for payment by the

LARGE ATTENDANCE

Records indicate that the meeting of directors of the Texas Sheep and Goat Raisers' Association, held in Uvalde, September 21, was the best attended in the history of the Association. Last count indicated 119 directors registered out of approximately 150. Ranchmen attended from over a wide area and 260 ranch folk registered for the various events. The above picture shows only a portion of the Dalton School auditorium filled with ranchmen attending the afternoon session.

Association to the editor of \$2.00 per member per year and payment by the editor to the Association of one-half the net income from the Association and in addition one-half of the net income from subscriptions of non-members.

At the time the agreement went into effect it was anticipated that subscription income from non-members would come in slow at the beginning because of so many three- and five-year subscriptions which have not expired. This is the case. The net income from these non-members was not as high as anticipated, however. All the expense of supplies for sending out solicitation letters has already been charged off and only about 20% has actually been used. The \$2,219.31 payment was more than budgeted for the year.

Other expenditures are as indicated.

For the first ten months of our 1957 fiscal year even though we are over on some budgeted items we are considerably under the total budget for the year reduced to a ten-month basis.

Dues Payments

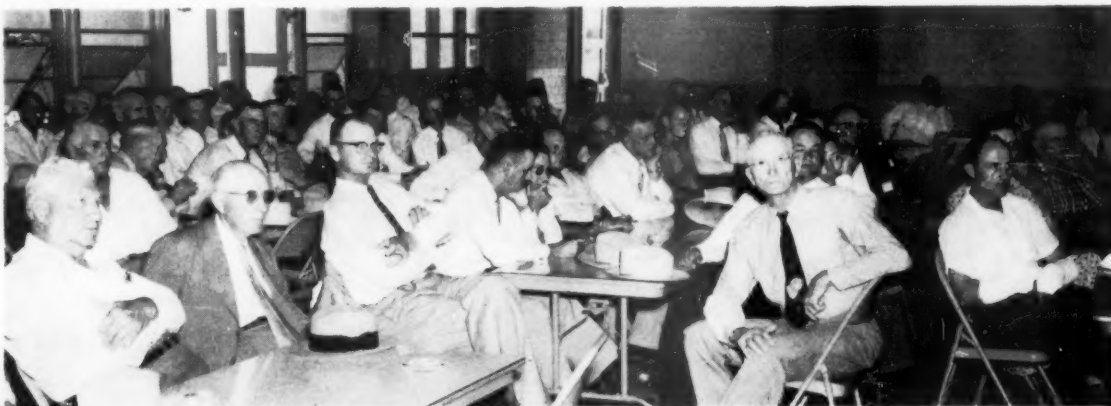
The second sheet shows the warehouses and the amounts they sent in. Producers Wool and Mohair, Del Rio; Wool Growers Central, San Angelo, and Western Wool and Mohair at Talpa sent in dues after the quarter was closed. This income will be shown on the next report.

President Kincaid told of the illness of Virgil Powell and his imminent resignation as a vice president and of Lance Sears' absence on the Swift trip.

Beal Humphrey, Union Stock Yards, San Antonio, was introduced. He presented livestock canes to President Kincaid and others.

Fred Earwood reported for the Wool Committee and asked Secretary Williams to give a report on the recent Washington meeting. Secretary Williams told of meeting with representatives of other state associations, the National Wool Growers Association and National Wool Marketing Corporation at which time a 65c in-

(Continued on page 6)



**CONFERENCE (Top)**

During the recent meeting of directors of the Association two ranchmen are snapped talking to John D. Palmer (center), Mayor of Uvalde, who greeted the visitors and made them welcome. On the left is another host, Uvaldean Dolph Briscoe, Jr., who, with his wife, entertained several hundred ranch folk at their Rio Frio Ranch home north of Uvalde the evening preceding the meeting.

Fred Shield of San Antonio (right), who offices in the Milam Building, was an interested participant in the event. He ranches near Uvalde and has oil interests.

TEXAS LIVESTOCK SANITARY COMMISSION OFFICIALS (Center)

Dr. L. R. Noyes (left), Executive Director of the Texas Livestock Sanitary Commission, Fort Worth, was introduced to the ranchmen at the Directors' meeting in Uvalde. Clayton Puckett, Director of the Association and board member of the Commission (center), introduced Dr. Noyes and Chairman of the Commission, Frank Scofield of Austin (right).

Dr. Noyes made an outstanding contribution to the welfare of two nations as he successfully led the Aftosa work in Mexico. Mr. Schofield told the ranchmen he was quite disturbed over the recent depletion of the Commission funds. "We can carry on with good luck but any emergency would leave us with insufficient personnel."

FIRST TIME (Bottom)

C. O. Hudson, Utopia (left), and Mike Smith, Sabinal (center), enjoy meeting of the directors at Uvalde and talking with friends. This was their first Association meeting. Roy Nunley, also of Sabinal (right), participated for the first time as a director of the Association and declared that he was impressed with the work. "After all, it's our livelihood and we all should support the Association. I personally feel that it is an honor to be a director of the organization."

PIERCE RAMBOUILLETS

FINISHES 1957 TEXAS SHOW
CIRCUIT AT FORT WORTH,
SAN ANTONIO, HOUSTON AND
SAN ANGELO, WINNING

10 Out of 10 Grand Champions
43 Out of 46 Firsts

**GOLDEN RAM TROPHY WINNER**

This is the 1957 Golden Ram Trophy Winner. This trophy presented Annually by the SHEEP AND GOAT RAISER MAGAZINE. The ram is UNO CHANCE, with his breeder, Miles Pierce.

Good Sheep cost no more than mediocre sheep; but since they make so much more money why not help yourself to greater returns from YOUR sheep by using Pierce Rambouillets?

SEE OUR BARGAIN PRICES ON RANGE RAMS BEFORE YOU BUY

Because of DROUTH and so many ewes leaving Texas we are offering our nationally known Range Rams at bargain prices.

Come and see and select your Range Rams, or phone us and we will select them for you and send them to you on approval. We guarantee them to satisfy you. If not, return them on same truck at no cost to you.

Ask the people who breed Pierce Rambouillet rams. Wool buyers pay more money for Pierce wool—Feeder lamb buyers pay more money for LAMBS from Pierce Rambouillet Rams—We deliver.

Ozona Ranch

Phone 2921

V. I. PIERCE or DELBERT STEWART

Alpine Ranch

MILES PIERCE

Phone Tenn. 7-5932

AUBRY HARRELL

Phone TE 7-5931

Junction Ranch

Ranch located Southeast of Junction on Highway 83 and Northeast of Rocksprings 45 miles and North of Uvalde 75 miles.

BOB ROE, Manager

From the Association Office . . .

ERNEST WILLIAMS
Executive Secretary

UVALDE MEETING

ACCORDING to a quick check of records the attendance of directors at the quarterly meeting in Uvalde on September 21 was the largest ever. Members from within and around Uvalde County and the ladies increased the total number to one approaching an annual convention in size. Read the official minutes in this issue of the Sheep and Goat Raiser.

AGRICULTURAL EMPLOYERS CONFERENCE

The TS&GRA is one of the charter members of the Agricultural Employers Conference — a non-incorporated group of agricultural groups bound together to make conditions better for both the employer and the Mexican National worker or bracero. Too many times a large number of individuals from various organizations with more or less the same problem regarding the bracero program have problems that could better be solved by one organization representing all users. In the future the Agricultural Employers Conference will represent all users when those problems arise.

Officers of the new association are George Spence, of El Paso, El Paso Valley Cotton Association, Chairman; man; T. A. Kincaid, Jr., Ozona, Texas, Sheep and Goat Raisers' Association, Vice Chairman; and Ernest Williams, Secretary-Treasurer. Spence and Kincaid along with Alden Johnson, Lyford; Clinton Smith, Raymondville; and W. G. White, Lamesa, make up the Executive Committee.

PROPOSED AMENDMENTS TO THE BY-LAWS

Many have wondered why the By-Laws relating to the election of directors should be changed.

The number of directors in any one district is based on the amount of dues paid in by the members in that district (one director for each \$500 paid in) during the fiscal year in addition to one director for each 100 members; or major fraction thereof in the case of numbers and dues.

Membership numbers by districts remain fairly constant from year to year but dues payments vary directly with wool and mohair sales.

The present high number of directors is due mostly to the large dues payments received during 1956. In 1956 all of that year's wool and mohair clip in addition to a large tonnage left over from 1955 was sold. As a result the dues income was high.

So far this year about two-thirds of the clip has been sold and unless the balance is sold by October 31, the end of the 1957 fiscal year, the dues in-

come will be roughly one-half of last year's; the number of directors will have to be greatly cut.

Next year, 1958, the same conditions that prevailed in 1956 might appear again — dues income would increase and the number of directors would then be increased.

To prevent this yearly fluctuation in numbers of directors due in large part to low dues income one year and then high dues income the following year, the directors have approved for consideration of the membership at the annual convention, an amendment to the By-Laws which would base the number of directors in a district on a three year average of dues paid in as well as a three average number of members.

This change will keep the number of directors at a more or less constant figure from one year to the next.

The other change approved by the directors at Uvalde related to the term of office of the president.

The TS&GRA is probably the only large organization of its kind in the United States whose president is in office only one year. It is true that this one-year tenure has resulted in the building up of a large number of experienced men; men well acquainted with the workings of the Association and its importance to the sheep and goat industry. These are the past presidents. They make up the unofficial Advisory Committee to the President. Their counsel is invaluable to the officers in any year.

At the same time this one-year tenure is exhausting at a very fast rate the supply of potential officers. It puts out of office a man who has spent one year in the job and would be a much better qualified officer the next year if he could serve.

The proposed amendment is to change this situation.

Directors Meeting

(Continued from page 5)

centive level for 1958 was decided upon and a statement was drawn up which was made by President Don Clyde, NWGA, at a meeting at the Department of Agriculture building the following day. He said that following the request for a level not less than 65 cents, Assistant Secretary McLain said the request was a reasonable one and that Secretary Benson would announce the level soon. Williams said he was told that the mohair level would be at the same proportional level as in the past in regard to the wool price level.

Williams also told of a meeting later at which time the group expressed unanimous agreement on extension of the National Wool Act of 1954. Mr. McLain said extension would be difficult because other commodity groups would try to get the same type program.

He said the wool grower representatives protested the dropping of the price level at the recent CCC wool sale and asked that handlers be permitted to bid on the remaining wools, that December 31 not be set as a deadline for sale of all the remaining wool and that a better description be given of all wools in future sales.

At Mr. Earwood's request, Edwin Mayer, a director of the Wool Bureau, gave a report on various activities and departments within the Wool Bureau.

J. B. McCord, acting chairman of

the Livestock Committee, said the group had no report.

The General Affairs Committee report was made by Miles Pierce and told of discussion of a wool school.

President Kincaid thanked Mrs. Thompson of the Uvalde school cafeteria staff for the excellent meal.

Mike Smith, Sabinal Farm Bureau member, asked that the Association help in getting the Legislature to declare the buzzard a predator.

Briscoe Discusses Water Legislation

President Kincaid called on J. B. McCord, Chairman of the Association's Water Committee, who in turn called on Dolph Briscoe, a member with Secretary Williams on the Governor's Water Committee, to explain it. Mr. Briscoe said the Governor was calling a special session of the Legislature to pass a water plan for the state. He said there was no immediate danger to the livestock in any pending legislation but that all legislation should be watched. He said the proposed legislation would not affect underground water but was to formulate an overall plan for handling water over the state.

On motion made and seconded it was voted to authorize the Association's Water Committee to act with a free hand on water matters.

President Kincaid told of the appointment of Dr. Noyes to the Livestock Sanitary Commission and of his earlier introduction to the various committees. He was director of the Foot and Mouth Disease control program in Mexico when the disease was brought under control.

Dr. Patterson, Vice-Director, Texas
(Continued on page 12)

THANK YOU !

The placard is one form of displaying the appreciation of members of the Texas Sheep and Goat Raisers' Association for the cooperation of many Texas business firms in the recent Miss Wool Show at San Angelo. T. A. Kincaid, president of the Association and Mrs. Adolf Stieler, of its Auxiliary, are shown here calling attention to the placard which was placed in conspicuous places at the directors meeting in Uvalde. "We want the many thousands of members of the Association and its Auxiliary to know who is helping us in our work to promote wool and mohair. We want these thousands of members, who are also customers and buyers, to know the names of the merchants who are glad to aid us in trying to promote our products — our livelihood. To all of these people who helped us, we express our sincerest thanks." The officials also expressed appreciation to the Mustang Chevrolet Company, San Angelo, for the loan of an automobile for Miss Wool.



NEW HIGH STRENGTH in Barbed Wire!

NEW LOW PRICE for this Barbed Wire at your Sheffield Dealer!

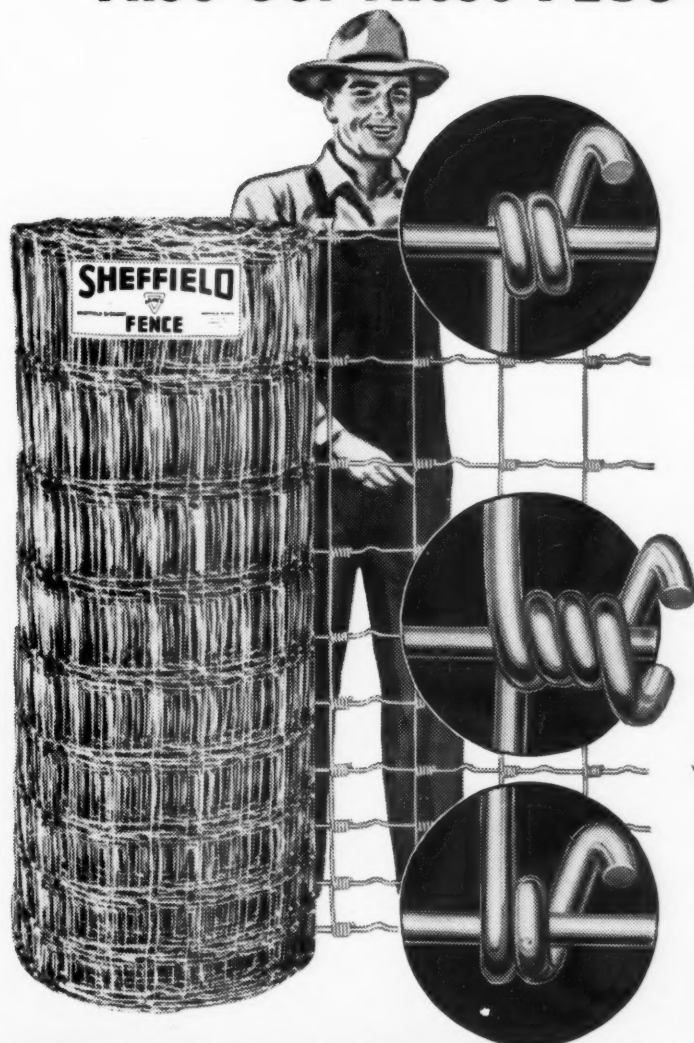
- Up to 20% stronger than current 12½-gauge barbed wire...yet pliable and easy to handle.
- Super-strength 13½-gauge wire with full 14-gauge barbs, double wrapped around main strand and spaced every 4 inches.
- New Sheffield special fence steel provides a combination of pliability and strength never before found in barbed wire.
- Made by neighbors of yours with more than 30 years of know-how.
- Priced to give you the biggest value for less money.



Listen to Jack Jackson "THE OLD FENCE RIDER"

Every 5-minute radio talk by Sheffield's "Old Fence Rider" is packed with useful information and tips you can put to work. Consult your local radio listing or ask your Sheffield Dealer for time and station.

Also Get These PLUS VALUES On Woven Wire



Right on the roll of Sheffield Fence at your Sheffield dealer's, you can see the construction features that give you extra fence-strength and long life — at no extra cost. Here they are:

EXTRA WRAP (shown here unwrapped) that every stay wire makes around the top line wire.

TWO EXTRA WRAPS at every junction of stay wires and intermediate line wires make longer and stronger hinge joints.

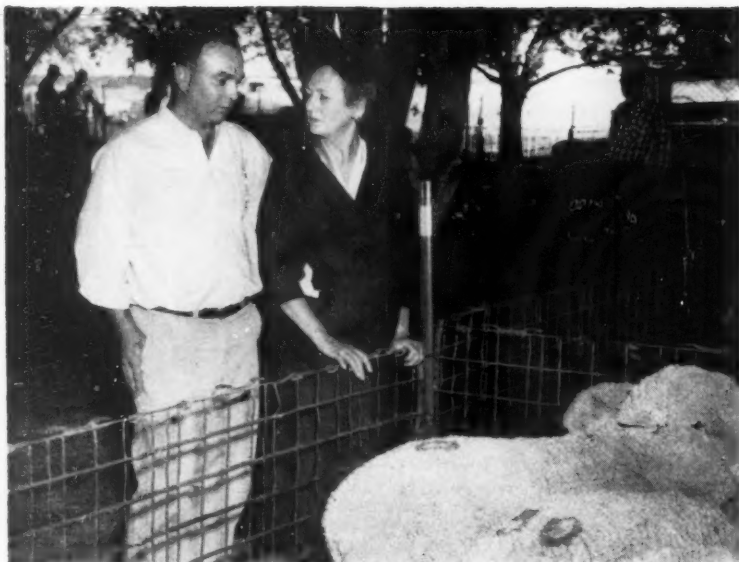
EXTRA WRAP at the bottom, where wires are subject to a tougher combination of strains and corrosion. This extra wrap prevents slippage that damages galvanizing.

SHEFFIELD
High  Strength

WOVEN WIRE FENCE

Check your needs now and visit your Sheffield Dealer for all your fencing and accessories, to control every critter from bulls to baby chicks. Fence for the Future with Sheffield!

At the A. D. Jones Sale



SLAUGHTER BUYS TOP PEN OF RAMS

(At left)

Tom Slaughter, Picacho, standing with Mrs. A. D. Jones, bought the top pen of five Debouillet rams at the Jones Debouillet sale, September 14. The 204 rams in the sale averaged \$49.50. The top ram went to M. E. Renfroe of Melvin, Texas, for \$165.

WATSON EXPLAINS DEBOUILLET OFFERING

(Top picture, below)

Ivan Watson, New Mexico A & M College Sheep Specialist, explains the Debouillet offering of the A. D. Jones Estate Sale. He helped in the selection of the excellent offering. On his right is Punch Jones, manager of the sale, and on his left is Col. Walter Britten, auctioneer. The sale was made by pens.



PEREZ BUYS TOP PEN OF EWES

(Center picture, at left)

Rammon Perez, of Vaughn, New Mexico, paid \$35 a head for the top pen of 25 Debouillet ewes in the Jones Sale. Mr. Perez, a pioneer New Mexico ranchman, is shown standing to the left of Lee Corn of Roswell, another New Mexico ranchman. The ewes sold fast and 365 head brought an average of \$24.95.



INTERESTED SPECTATORS

(Bottom picture, at left)

Many New Mexico ranch women attended the A. D. Jones Estate sale, enjoyed the barbecue and visiting. Starting in the front row, from left to right:

Mrs. Dewey Stokes and Mrs. Abe Mayer, Roswell; Mrs. Dick Lee, Lovington; Mrs. Glenn Stevenson, Pinon; Mrs. Loren Reeves, Hope; Miss Ina LePell and Mrs. Earle Patterson, Roswell.

Second row: Mrs. J. B. Coates, Mrs. Wade H. Corn, Mrs. Mary McCullough, Mrs. D. E. Gillespie, Mrs. Fred B. Corn, Mrs. J. L. Ullery, Mrs. W. R. Thompson, all of Roswell.

Third row: Mrs. Millard Eidson, Lovington; Mrs. Bill Duncan, Tatum; Mrs. H. H. Rowland, Hereford, Texas; Mrs. Tom Bingham, Mrs. A. D. Jones and Mrs. Buddy Eppers, all of Roswell.



TWO PIONEERS -- DICK MILLER AND PONY MAKE HANDS ON RANCH

THE A. D. JONES Estate Debouillet Ranch boasts two veterans of the industry, Dick Miller, 84, and the rugged pet of the ranch — the 28-year-old pony.

"This pony raised me, I didn't raise it. He's a half bred Quarter Horse - Spanish pony and is a big pet," declared Mr. Miller. He pointed out that the pony was just a colt when he first saw him, 28 years ago, and that in his lifetime he had won many races and become beloved by ranch children of several families. "He's been a real friend and a top hand."

Dick, a ranch hand of the old school, is a bachelor cowboy who came to New Mexico at the turn of the century and to the A. D. Jones ranch country when it was still a part of the L.F.D. ranch owned by Littlefield and White. It covered thousands upon thousands of unfenced acres "plumb to the Texas line." From headquarters at Four Lakes, the cowboys worked grub line.

"It took 40 days to work the range and it got rugged at times," declared Mr. Miller.

When asked what he thought was the biggest change in the ranch industry in the last 50 years, he squinted and finally declared he thought the price of livestock was one of the biggest changes. "Then, a steer sold for \$20 but of course they weren't the kind of steers we raise now, although we did raise some good ones. Then, I have seen the mesquite take the country above the caprock. It was all grass in the early days, although I expect earlier there had been lots of mesquite on the plains because we could dig mesquite roots for our campfire. 'Spect that prairie fires kept the mesquite down."

Mr. Miller recalled that travel, too, in the early days was quite different from today. A few miles west of Tatum, New Mexico, crossed by the Roswell highway, are the Mescalero Sands. Miller recalled that in the early days wagons traversed this six

miles or so of sandy wasteland with utmost difficulty. "It took two teams to get one wagon across — if it wasn't too heavily loaded. And that was quite a trip, too."

Mr. Miller has been on the Jones ranch for more than 50 years. Cow-

hand that he was he had to learn to like the sheep business, in which the Jones name has become so prominent. "But," declared Mrs. A. D. Jones, widow of the founder of the Debouillet breed of sheep, "I don't know what we would do without him."

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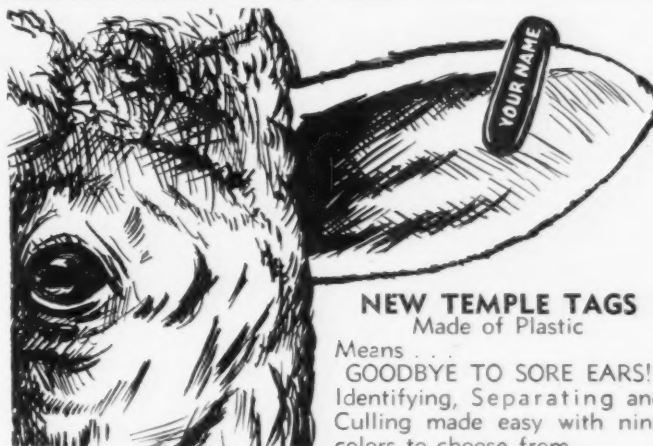
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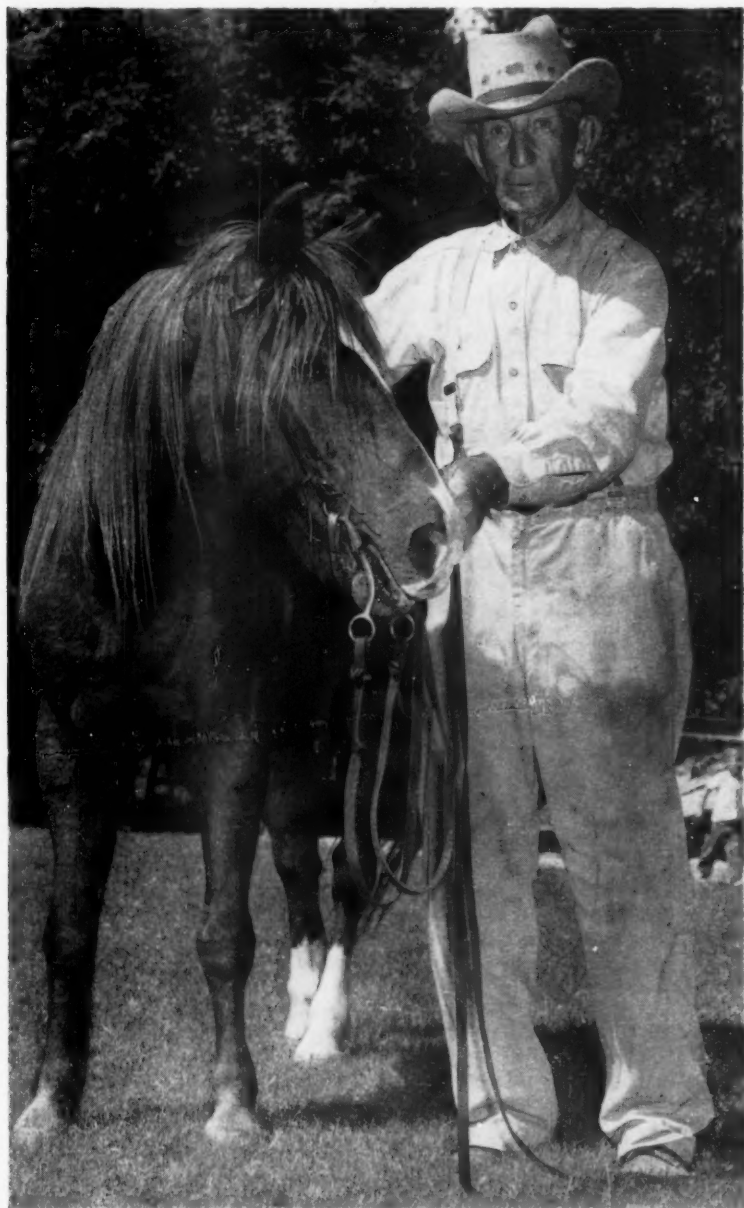


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MEASURES
UP TO
WOOL

Real County Sale Well Attended

THE SIXTH Annual Sale of the registered breeders of Real County held at Leakey September 7 was well attended and the sale was considered a good one although prices did not measure up to those of last year, due, probably to the lateness of the sale and the number of sales held this year.

Nevertheless the buyers came from a wide area and 114 bucks sold for an average of \$61.18 and 23 does for an average of \$39.56.

The K Bar Ranch of Waxahachie paid \$330 to C. H. Godbold to top

the sale. A C. Boren doe was sold for \$70 to Glenn Nichols of Goldthwaite.

The Godbold consignment of 10 averaged \$128.50; E. Daugherty sold six at \$115; C. Haby 10 at \$72 per head.

Top buyer was M. L. Jernigan, Goldthwaite, who paid \$677.50 for 16 head; G. C. Hutcherson of Camp Wood, nine head for \$512.50; Glenn Nichols of Goldthwaite, nine head for \$402.50; Seth Young of Uvalde, nine head for \$425; and John Rose of Uvalde, 10 head for \$395.

Lem Jones and Pete Gulley were auctioneers.



K BAR BUYS GODBOLD BUCK AT LEAKEY

Jerry Crittenden of the K Bar Ranch is shown with the top buck of the Sixth Annual Sale of the Real County Registered Angora Goat Breeders Association. The young lady is Anita Godbold, daughter of C. H. Godbold, Leakey, breeder of the buck which brought \$330.

WOOL AND LAMB PROMOTION FINANCING ANNOUNCED FOR 1958

THE WOOL and lamb producers' self-help promotion program under the National Wool Act will be financed by deductions from the 1957 program payments on the same basis as from the 1955 and 1956 program payments, the U. S. Department of Agriculture has announced.

Funds for advertising, promotional, and related market development activities on wool and lambs will be obtained through deductions from 1957 wool payments made to producers in the summer of 1958. Deduction rates will be one cent per pound from shorn wool payments, and five cents per 100 pounds of live weight from unshorn lamb payments. These rates are the same as those made from the payments received by producers this year under the 1956 program.

The promotion program is implemented by agreement between the

Secretary of Agriculture and the American Sheep Producers Council, Inc., providing for advertising, promotion, and related market development activities under Section 708 of the National Wool Act of 1954. By a majority referendum vote in 1955, producers favored putting the agreement into effect.

The American Sheep Producers Council, Inc., chartered under the laws of the State of Illinois to carry forward the agreement on a national basis, is governed by a delegate body and Board of Directors representing State and regional producer groups and national organizations, including The National Wool Growers Association, National Wool Marketing Corporation, National Grange, National Farmers Union, National Livestock Producers Association, and the National Lamb Feeders Association.



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Directors Meeting

(Continued from page 6)

Agricultural Experiment Station, invited the directors to hold their spring 1958 meeting at College Station. On motion made and seconded the invitation was accepted.

General Resolution

Edwin Mayer, Chairman, General

Resolutions Committee, presented the following resolutions:

1. Wool and Mohair School—We request that A. & M. College set up a three-day wool and mohair school to be held some time in November of each year at College Station.
2. Livestock Sanitary Commission —We express our confidence in the Livestock Sanitary Commission of Texas and reiterate our position favoring an adequate appropriation by the next Legislature for its efficient operation.
3. It is our opinion that the re-

cent 20c drop in upset prices on CCC wool stocks was not justified and we respectfully request that no further sharp drop in such a short period of time be permitted:

And further that the Commodity Credit Corporation not force disposal of the remaining wools by December 31, 1957, but to continue to market these wools in an orderly manner as originally intended.

4. Resolution of Appreciation — We take this means to express our most sincere appreciation to the people of Uvalde for a most enjoyable time and a very profitable meeting; in particular do we express our thanks to Mr. and Mrs. Dolph Briscoe for their ranch hospitality last night, to the wool and mohair warehouses and bank for the lovely breakfast enjoyed by all of us this morning, to the Uvalde Independent School System for use of Dalton Elementary school facilities, to the Uvalde Leader News, to the staff of the Chamber of Commerce, and to all others who contributed to our enjoyment.

On motion made and seconded the resolutions were adopted.

Mr. Mayer read the following proposed amendment to the By-Laws and moved its adoption.

Article VI, Section 4. Elections: The directors shall be elected at the annual meeting as follows:

The State shall be divided into ten (10) districts, the boundaries of which shall be determined by the Board of Directors. Each district shall be entitled to elect one director for

each one hundred (100) members, or major fraction thereof, in the Association based on the average number for that district for three (3) consecutive fiscal years, not including the immediate preceding fiscal year, and one director for each five hundred dollars (\$500.00), or major fraction thereof, in dues paid into the Association during the same period. The number of directors at the 1957 level will be maintained until the convention of 1959 at which time the three (3) year average rule, as defined above, will go into effect.

If there is a district with less than a three (3) year average of one hundred (100) members and less than a three (3) year average of five hundred dollars (\$500.00) in paid-in dues, such district is entitled to one director."

After discussion, it was approved to be presented later to the annual convention for adoption or rejection.

Mr. Briscoe moved that the By-Laws be amended to allow a president to succeed himself. After discussion, it was approved for later presentation to the annual convention.

President Kincaid announced that the annual convention would be in San Antonio, December 2-4.

The meeting adjourned at 3:30 P.M.

Tom McKenzie of Fort Stockton will take over the managing of the 2,200-acre Dunham Plantation near Wilson, Louisiana, a job held by the late Bill V. McKenzie, his brother, who died August 21.



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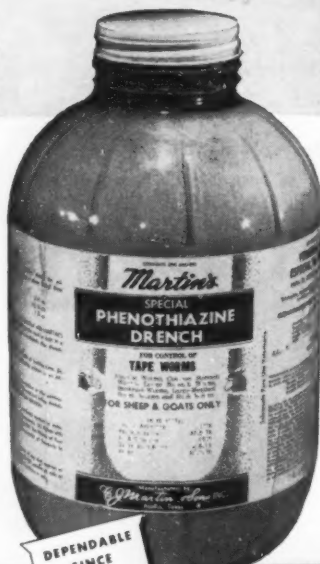
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Culling the Ewe Flock

A FEATURE ARTICLE WRITTEN ESPECIALLY FOR
THE SHEEP AND GOAT RAISER

By JOE V. WHITEMAN, Associate Professor
Oklahoma State University



THE EWE flock should be subjected to continual culling. I am sure that we all agree that this is true. However, I doubt that any of us would do it exactly the same way. Probably no one knows—at this stage in the development of knowledge about breeding ewes—exactly the best way to go about it. We are learning some things though that should teach us better methods than many that have been used in the past. There are many considerations involved and we shall discuss some of them.

Why Cull?

First, if we cull a ewe it is because she has some characteristic or set of characteristics that we do not like. We need to know something about the characteristics involved. Is it a permanent characteristic of the ewe (is it repeatable)? Is it transmitted to her offspring (is it heritable)? Is it of economic importance? If either of the first answers is "yes" and the undesirable trait is of considerable economic importance, then the ewe should be culled. In other words, culling for traits that are repeatable improves the flock. Culling for traits that are heritable improves future generations. Culling for traits that are of economic importance aids the bank balance but more so when the traits are either highly repeatable, heritable, or both. Fortunately, traits that are repeatable usually tend to be heritable.

Heredity and Environment

At this point we might say that no characteristic is either entirely repeatable or heritable. The characteristics with which we will be concerned are controlled usually by both heredity of the ewe and the environment in which she has developed. Her breeding may be better than it appears from her appearance or performance because she has had an unfortunate environment. For instance, a twin ewe lamb born and reared as such is usually lighter at birth and gets less milk than a single ewe lamb. For both reasons she has a lighter than average weaning weight (for all ewe lambs) — probably from 10 to 15 pounds — and is still lighter as a yearling. She may even be slightly lighter as a mature ewe just because she was a twin even though her breeding for size may be better than the average for the ewes in the herd. We can easily apply the same argument to show that a single born and reared ewe lamb that was large at birth and well fed will tend to be larger than

average just because of the way she was born and reared. True, she will not be large unless she has the breeding to become that way, but she has the opportunity to get as large as her breeding will permit whereas the twin ewe will not. If a characteristic is highly repeatable or heritable, it just means that the environment will not cause a great change in it.

Culling Conditions

We should also consider the conditions under which the animals live at the time of any culling. There is little agreement among stockmen or those of us in research as to whether we should keep our animals well fed and managed or under more severe conditions when doing our culling. We just do not know whether the differences that we see between animals are more indicative of true value under one set of conditions than under a more or less favorable set. Some feel that the conditions on their ranches get rugged at times and that they want a ewe that can "take it." They, therefore, keep their sheep under rugged conditions much of the time. There is probably some merit to this reasoning. On the other hand we do not know if they are really developing a better strain of sheep for the future or not. We do know that it is not good for range land to be grazed too heavily much of the time. We also know that a ewe that is hungry too much of the time produces less wool and less desirable wool. She also produces less lambs that wean off lighter so that from an economic point of view we cannot afford for the conditions to be too severe. Whether the highest producing ewe under good conditions will also be the highest producer under poor conditions is what we must find out if this question is to be answered.

Characteristics Desired

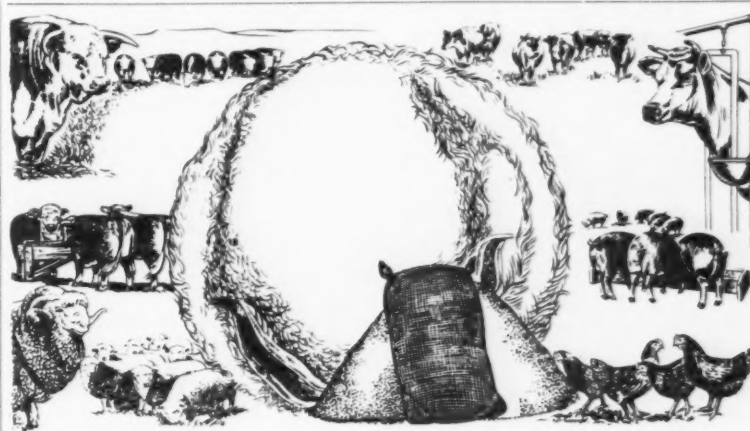
Now let's review the characteristics we want in our ewes. Different characteristics will be of different relative value to different sheepmen so that these are not in any order of importance.

Physical Attributes

1. We want a healthy, hardy, sound ewe. Under relatively severe range conditions, hardiness is more important than on farms or ranches where feed and water are more plentiful. Soundness in a ewe may refer to conditions of feet and legs, mouth or udder. Bad feet and legs contribute to a lack of hardiness and under conditions where hardiness is very

important such ewes should undoubtedly be culled. Crooked legs and weak pasterns are partially inherited and should certainly be considered if we are raising our own replacements. Bad mouths need to be culled if severe enough to seriously affect the ewe's performance. In the case of under- or over-shot jaws, severe cases should be culled if replacements are being saved. If the udder is bad, the ewe is usually culled. On the other hand, if she has twins or there is a

recurrence of mastitis, she or her lambs will require extra care. If she is a superior ewe and the udder trouble is not necessarily her fault, then it may be worth the extra trouble to get as many lambs from her as we can. Good judgment on the part of the sheepman is essential in making any decision as to which ewe should be culled. A slight "parrot mouth" would not be culled if the ewes were a very good one otherwise, but would (Continued on page 14)



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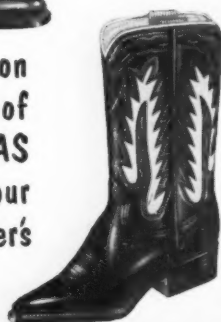
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**The American Hampshire
Sheep Association**
STUART, IOWA

Culling Ewe Flock

(Continued from page 13)

be if she were less desirable. We should not cull our ewes on just one characteristic and ignore all others unless that characteristic prevents her from doing her duty.

Shearing Ability

2. We want ewes that shear heavy, uniform, high quality fleeces. Good shearing ewes are most important under range conditions where there is usually a lower percent lamb crop and many, if not all, marketable lambs go as feeders at light weights. Under these conditions up to 50 or 60 percent of the income from sheep may be from the sale of wool. I do not believe it necessary to spend too much time discussing the importance of the maximum amount of good wool. Instead I would rather try to convince every range sheepman especially that he can produce more and better wool by a good culling program.

Of the characteristics that are considered to be of greatest economic importance to the sheepman, some of the measurable characteristics of wool

are most highly repeatable and heritable. The size of the ewe, the average length of 12 months staple and the density of the wool account for much of the variation in fleece weight. The length of staple is highly heritable and the size of the ewe is moderately heritable. Fleece density is very hard to measure and, therefore, we don't know much about its heritability, but since it is largely influenced by the number of wool follicles and the grade of the wool, it must be at least moderately repeatable and heritable. The hairiness that occurs in too many fleeces and the grade of the fleece are both highly repeatable and heritable characteristics.

Now, if we will just give these characteristics some attention when we select ewe lambs (or cull the ones that sell) and keep more ewe lambs than we need, we will be on our way. If we are going to cull our ewe flock continually we must be prepared to save more than the usual number of replacements. At the same time we'll be turning the flock over faster but if our rams are better than our ewes that speeds improvement. Many range sheepmen know that they can do a better job of selecting ewe lambs when they are a year old than at weaning time. This gives the late lambs and slower gaining twins a chance to partially catch up. Such a

practice can be practical and profitable if the grass is available to handle them, since many of the ewes can be sold well as shorn yearlings to go to farm flocks as replacements.

Farm flock and purebred sheepmen should also give wool some attention. Within almost any flock there are ewes that will pretty consistently shear two or three dollars worth more wool than others. On a lifetime basis this is twelve to twenty dollars. If we'll breed for wool length and favor ewes that shear heavy fleeces that are clean, we'll increase our production of this valuable commodity.

Just a word about a few things that we must keep in mind when selecting or culling for wool production. A ewe that comes up dry will shear one to two pounds more wool than one that raises a lamb. A ewe's first fleece is lightest and her fleeces get heavier each year until she hits a peak at three to six years of age. After that her fleeces may get lighter again especially if her back wool begins to break. Poor feed conditions will reduce wool production also.

Lamb Production

3. The other major reason for culling has to do with lamb production. We want all our ewes to breed regularly, lamb without difficulty, claim their lambs and raise high grading lambs to a heavy weaning weight. We frequently hear the question, "If a ewe doesn't lamb the first time, should we cull her?" There is on one always-correct answer. Generally, we believe that whether a ewe produces twins, a single or no lamb is more determined by her environment than her breeding. In other words, percent lamb crop is rather easily modified by management. This is especially true under farm conditions, but we know what major feed shortages at breeding or lambing time can do to a lamb crop. On the other hand if a ewe is sterile she should be culled. One practice that seems to have merit is to cull all dry ewes if most of the ewes lamb. Otherwise, permanently mark a ewe the first time she is dry and sell her the next time she fails to lamb. Percent lamb crop is much more important in the farm flock than on many ranches.

Difficulty at lambing usually occurs with the ewe's first lamb and doesn't seem to be very repeatable so that it doesn't appear to be a very important trait from a culling standpoint. Failure to raise a lamb or to raise a satisfactory lamb, however, deserves some attention. There seems to be some tendency for the same ewe to fail to raise her lamb. It seems, then, that if we cull those ewes that do not have enough milk to start or properly grow a lamb, we will be making some permanent improvement. Lambs grade well and are heavy at weaning time because they are of thick, meaty breeding and are fed heavily enough on milk and other feed to make the gains of which they are capable of making. A ewe that will wean a 70-pound lamb at six to seven months on the range will wean a 90-pound lamb at five months under good farm flock conditions. The difference is the food for the ewe and lamb.

Twinning

Just a word on twinning. As indi-

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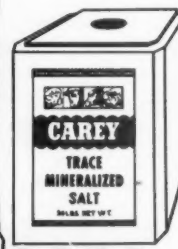
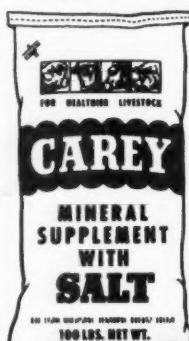
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cated before, twinning seems to be governed more by environment than by breeding. Some sheepmen want twins, some do not. When feed conditions are poor, one lamb is probably enough to expect a ewe to raise, however, when there is plenty of feed, a mature ewe should be able to do a good job of raising twins. The milk producing ability of a ewe is a very important characteristic and certainly should be considered in a culling program. It has been found that the rate of gain of a lamb up to six or eight weeks of age is a good measure of the amount of milk that he is getting.

Size

The size of the ewe has always received a great deal of attention. A ewe's size is a measure of her breeding and how much feed she has had during the various stages in her life. Size contributes to both wool and lamb production but is also a measure of the amount that the ewe eats. We tend to forget this fact when we are stressing the importance of size. This becomes an especially important consideration when we realize that feed supply frequently determines the number of ewes that a ranch can handle. In selecting our ewes we might be ahead to select directly for wool and lamb production rather than for size because there are small ewes that are good producers.

Longevity

Another characteristic of very great value in a ewe is long life. We need not select directly for this trait as it will take care of itself if we cull on mouth and not on age. Culling ewes on age tends to remove those ewes that have good sound teeth and prevents them from contributing the extra lambs that they are capable of raising and which will inherit some of the ewe's tendency for sound teeth and long life.

Ewes that are free of wrinkles and have open faces are usually most desirable. Both of the traits are sufficiently repeatable and heritable to permit us to make rapid progress by culling. Many sheepmen have pretty well eliminated wrinkles and are getting the faces on the ewe flock opened up nicely.

We have discussed some of the important characteristics that we want in a ewe. How any sheepman does the actual culling (or selecting) to get rid of undesirable characteristics in his ewe flock must depend upon: 1, the kind of a production enterprise in which he is engaged; 2, the level of excellence of his ewes for these characteristics; 3, his facilities for and method of handling his ewe flock; and 4, the goal that he has in mind for his flock or herd.

There are no secret formulas for nor short cuts to excellence in the ewe flock. There are, however, methods of selection and breeding that will result in the steady improvement that is necessary if we are to keep lamb and wool competitive in the commodity market. Efficient culling of the ewe flock is one of the methods that we must use to accomplish this end.

Summary

Let us summarize. To make the most gain by culling, we must first keep more than the usual number of

good replacements. To do this we must have rams that are better than the ewes and a high lamb crop percentage. We get better replacements if we can select only 40 percent of the ewe lambs or yearlings than if we must save 70 percent of them. We can cull for wool production better on the second wool crop but can do a pretty good job on the first. If we know which ewe lambs are twins and which were late born, we can make allowances for them. Dry ewes or those that lose lambs because of no

milk should be sold or marked for identification. Ewes that aren't giving enough milk can usually be identified shortly after marking time and should be sold after weaning the lambs.

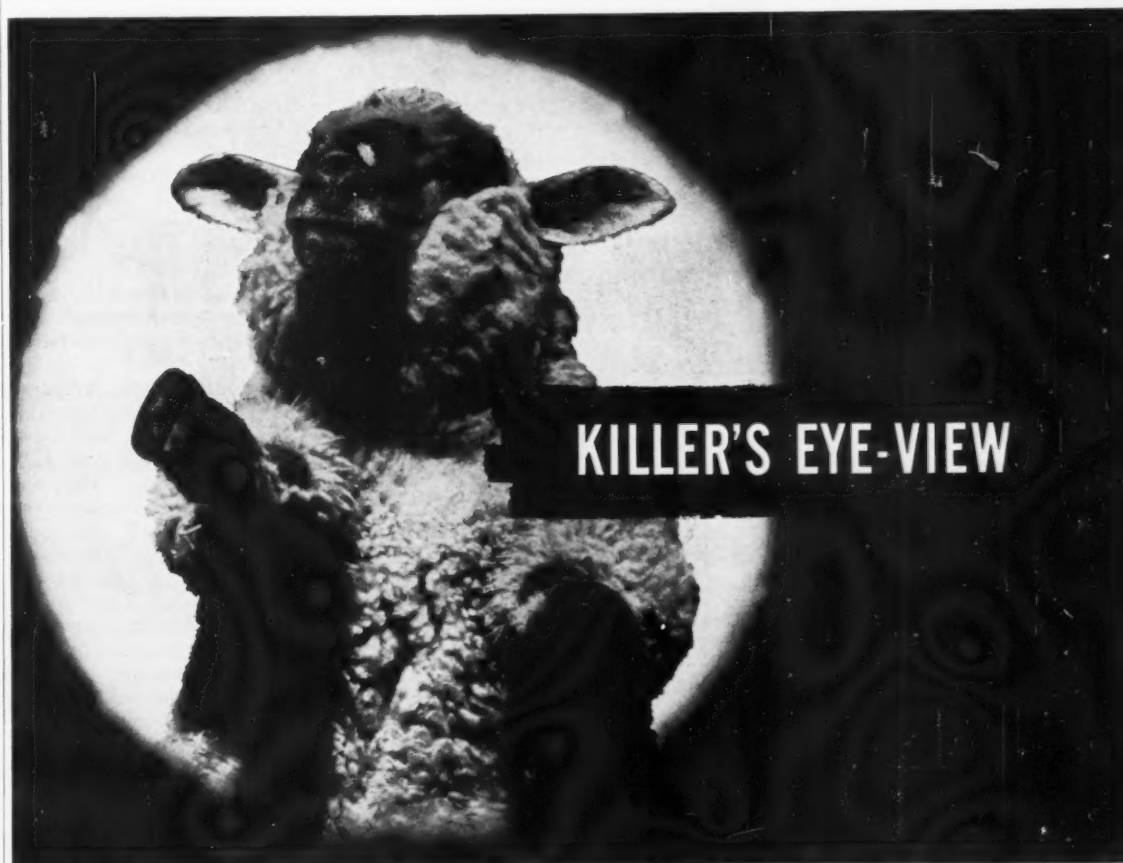
Finally if we'll remember that we get the heaviest fleeces and the heaviest lambs when there is plenty of feed, and not be too afraid of understocking, we might make more money with less sheep. The ewe that isn't paying her way may be eating feed that might make a better ewe even more profitable.

**Horton, Yaggy
& Kenley**

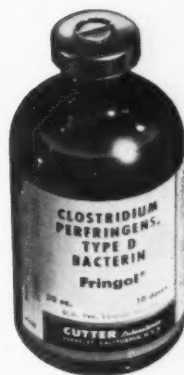
INSURANCE
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CITY PROPERTY
REAL ESTATE LOANS

The Chadbourne Bldg.
Phone 6727



...of your unprotected lamb?



Fringol®

Available in 10 and 50 dose packages

Chances are that this soil-borne killer — the *Clostridium perfringens* organism — is in your feeder lambs right now. Don't wait until the toxin produced by the organism during the fattening process causes losses from enterotoxemia (overeating disease).

FOIL THE KILLER WITH FRINGOL®

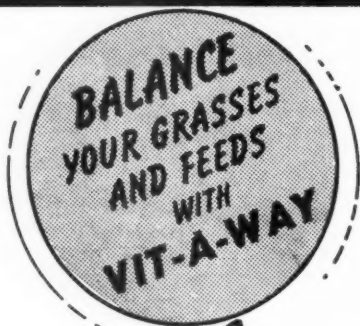
Vaccinate before lambs are started on concentrated fattening rations. Cutter/Fringol — a Type "D" perfringens vaccine — is fortified with Alhydrox®. Alhydrox, a Cutter exclusive, controls the release of vaccine into the animal's tissue. Alhydrox prolongs the immune response, producing maximum protection from the vaccination. Order Fringol from your Cutter Supplier now.

Write for Cutter Sheep Bulletins on control of Anthrax, Blue Tongue, Enterotoxemia and Ovine Ecthyma — Dept. S-10



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VIT-A-WAY
MINERAL-VITAMIN
FORTIFIER
For All Livestock

IS MORE THAN JUST A MINERAL MIXTURE

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COSTS SO LITTLE . . . DOES SO MUCH

ONLY A FEW OUNCES A DAY REQUIRED

At Your Local Feed Dealer or Write VIT-A-WAY, Inc., Fort Worth, Texas

*—in your feeds—on the range—year 'round—
There's nothing like it, absolutely nothing*

need a good wolf-proof fence?
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PROTECTION**

Rely on the CF&I "brand of quality"
to protect your sheep or goats
against preying animals.
CF&I V-Mesh Wolf Proof Fence
has a long-standing
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OUR AGRICULTURAL SERVICES . . .

Washington Parade

By JAY RICHTER

YOU CAN look for USDA to announce soon the 1958 wool incentive payment rate. Recent discussions in Washington centered on the question of whether to continue support at 62c per pound or to raise it to 65c as proposed by wool representatives.

Argument for the increase is based mainly on the fact that the 62c rate has not resulted in an increase in wool production.

Odds appear to be against an increase in the price floor. Main reason is official fear that other commodity groups would demand stronger support programs.

The acreage reserve of the soil bank almost certainly will be much smaller in 1958 than this year—as has been forecast. Early figures on sign-up of winter wheatland reflect a sharp decline in farmer participation. Just over a million acres of winter wheatland had been banked early in September. More than twice that amount had been placed in the reserve on the same date a year earlier. Reasons for lagging interest in the production-control phase of the banking operation are: First, the new "base acreage" provision that requires a farmer in 1958 to keep total plantings to the average of the past two years, minus whatever land is banked. Second, the \$3,000 limit on payments.

About that \$3,000 ceiling on payments for land going into the soil bank acreage reserve: USDA now says the limitation has been interpreted on the generous side by the government's accounting office.

An operator who has more than one farm, for instance, may obtain up to \$3,000 in payments on each farm.

Moreover, in the case of a single farm that involves both a tenant and owner, for example, total payments might amount to \$6,000, or \$3,000 for each person.

SCS officials in Washington are shifting into gear to carry out provisions of the Great Plains conservation program. Approved in 1956, the long-term project was voted funds only recently — \$10 million for a starter, with \$150 million authorized for the life of the program. Money will be paid out to eligible ranchers and farmers on cost-sharing basis for carrying out approved practices. Practice list is now being worked up by SCS officials.

Trade groups and farm organizations are being urged by Senators O'Mahoney (D., Wyo.) and Watkins (R., Utah) to carry out a "grass roots campaign" this fall for transfer of jurisdiction over meat-packer trade practices from the USDA to the Federal Trade Commission. The senators are co-sponsors of S. 1356, a bill to effect such a transfer. Although it did not pass in the recent session of Congress, Senator O'Mahoney said recently that he and Mr. Watkins "plan to press for action on the legislation early in January when the second session of this Congress meets."

Whatever happened to the pledges of government economy being heard across the land a while ago. Fact is that there is a wide variation in the experts' estimates of actual budget savings.

Reputable economists here do agree upon this much: Namely, that savings in any case won't be enough to



ON THE OTHER SIDE OF THE FENCE

A fence-line contrast. On the left, heavy grazing by livestock has taken off most of the palatable grass and shin oak leaving only unpalatable coarse tobosa grass, and pricklypear in their place. On the right, the better grasses are abundant sideoats grama, cane bluestem, green sprangletop, and others, with motts of shin oak, a very desirable browse plant. Picture was taken at one of the shin oak motts to show how the livestock have destroyed it right to the fence. There isn't much left worth grazing on the left.

justify a tax cut of consequence in 1958.

Actual reduction in the current budget has been estimated at about \$1 billion by President Eisenhower. His Budget Bureau, however, which presumably gives the chief executive the last words on government fiscal matters, places the savings at about \$3 billion. Congress itself figures them at \$5½ billion.

Counting paper savings, you can arrive at the congressional figure. But a healthy proportion of that amount is strictly for the books, because the supposed savings are in fact merely postponements of obligations that will be met in future appropriations.

Nobody knows the true figure for certain, the federal budget being a maze even to those who deal with it. But it's a good bet that actual savings will be somewhere between Mr. Eisenhower's \$1 billion figure and the \$5 billion estimate of his Budget Bureau.

A National Food Conference, scheduled in Washington for February 24, 1958, will feature discussions of farm leaders, processors, merchandisers, and distributors. The affair in the nation's capital is intended to

focus national attention on a long-term public education program directed at the consumer.

President Eisenhower has been invited to keynote the event, stressing the theme, "Food! Key to National Welfare."

The conference plans are being developed by a Domestic Market Expansion committee, headed by Homer E. Davison, vice president, American Meat Institute.

Report of an American Heart Association committee has helped to put the fat-in-diet controversy in accurate perspective, it is felt by Washington officials.

The committee of experts concluded that "There is not enough evidence available to permit a rigid stand on what the relationship is between nutrition, particularly the fat content of the diet and atherosclerosis"—narrowing of the arteries by fatty deposits.

Most Americans might profit by cutting down on fats, the committee advised, but warned against "drastic dietary changes, specifically in the quantity or type of fat in the diet of the general population."

BEWARE OF MIRACLE STOCK TONICS

BEWARE OF peddlers selling miracle dairy stock tonics, warns E. E. Anderson, extension dairyman at New Mexico A. & M. College. Don't let high pressure salesmen sell you something you don't need or which costs more than it's worth.

Stock tonics usually contain a lot of things that aren't needed. The claims may range from prevention and cure of mastitis to clearing up all breeding troubles of your cows.

Let's take a look at a label of a typical stock tonic and check it against the cow's needs. One contains charcoal, sulphur, salt, bicarbonate of soda, magnesium sulfate, sodium sulfate, calcium carbonate, calcium phosphate, sulfate of iron potassium iodide, cobalt carbonate, nux vomica, quassia, fenugreek, ginger, capsicum, anise and a long list of vitamins.

According to the label, the charcoal is to absorb gas. It would take much more than is in this tonic to be of any value. There is plenty of sulphur in the ordinary feed. If it were needed, it can be bought for three or four cents per pound.

Salt is salt, why pay 15 to 20 cents per pound in a tonic? The bicarbonate of soda is said to relieve stomach acidity. The cow uses and reuses a pound or more of soda per day in her saliva. What she needs she makes herself from the salt she eats.

Magnesium and sodium sulfates are laxatives. When needed, it takes a pound or more for a dose for a cow. A part of a spoonful every day will do no good.

Cows ordinarily get enough calcium in their feed. The calcium phosphate in the tonic is not enough to contribute much to the cow's needs.

Trace mineral salt can furnish the trace minerals a cow needs at a much

lower cost than they're supplied in the tonic.

The nux vomica, quassia, fenugreek, ginger, capsicum and anise all have value when used for a specific purpose, but not as used here in "shotgun treatments" like tonic. They are drugs used by your veterinarian, only when needed. The anise also makes the mixture smell good to the buyer.

The long list of vitamins is made up mostly of the B vitamins, which the cow makes in great plenty in her own stomach.

The amounts of the vitamins are not stated on the label, and there's no assurance of getting enough. If there's any reason to think any of these is needed, you can get known amounts at low cost in standard vitamin preparations.

As you can see, a shotgun mixture such as this tonic gives a little of a lot of things that aren't needed—and not enough to do much good of the things that may be needed.

OZONA WAREHOUSE COMPLETED

BEALL BARBEE, owner of Ozona Wool and Mohair Company, has announced the completion of his new 17,000 square foot warehouse building in the south part of Ozona. The new quarters has 100x170 feet of storage space and a 900 square foot office space. The office unit is of brick construction and the warehouse of concrete and tile. The company will receive consignments of wool and mohair at the new location. The accumulation of wool and mohair at the downtown location will be left in its present location until sold.

The American Angora Goat Breeders' Association will hold its 58th annual meeting October 15, 1957, 10:00 A.M. at the Park Building, Rocksprings.

CAMP



REGISTERED Angora Goats

For more than 35 years Camp Angora Goats have been bred for quality, ruggedness and fleece weight on the shearing floor.

Established by O. J. Camp, this Registered Goat Herd has maintained an enviable record of service and profit to the breeders and commercial Angora goat raiser.

You, too, will profit with a Camp-bred Angora buck. We have a few select bucks left.

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Annual Southwestern Sheep Dog Trials

THE ANNUAL Southwestern Sheep Dog Trials held in Kerrville, Texas, Saturday, August 31, 1957, at 7:30 P.M. were a success with nine top working dogs being shown. The dogs all worked well and were recognized by some of the best breeders as top-notch dogs, despite the fact they had a little trouble penning the sheep in the unusually small pen which was only about eight or ten feet square.

In the open trials, a dog named Ben, owned by Willard Potts of Lometa won first place; second place

was taken by Joe, owned by Preston Robinson, San Saba; and third place by Spot, also a Preston Robinson dog.

First place in the range trials was taken by Maggie, another Preston Robinson dog; second place, by Trixie, belonging to Otto Grumbles of Georgetown; and third place by Dixie, owned by Weldon Harrell, San Saba.

The dogs were judged on gathering, outrun, lifting, fetch, driving, penning and style. They all worked exceptionally well and scored in the top half of par.

Miss Frances Schumacher, secretary to the Kerr County Agent's office, presents the winning trophy for first place in the Open Trials, to Willard Potts, Lometa. He gives his dog, Ben, an affectionate pat for winning the trials.

Here Willard Potts' Border Collie, Ben, holds a group of sheep together while your photographer gets a shot of him. Ben defeated thirteen dogs at the Iowa State Fair at Des Moines to win the grand champion sheep dog trials. He scored 57½ points out of a possible 60. Ben is six years old, is registered and certified in the North American Sheep Dog Society and has shown all over the United States.

Preston Robinson, San Saba, with his dog, Maggie, accepts the trophy from Miss Schumacher for winning first place in the range trials.

WOOL AND LAMB PROMOTION MOVES INTO FULL SWING

PROMOTION of wool and lamb by the American Sheep Producers Council is in full swing, backed up by the largest advertising program in the history of the sheep industry. An added note of encouragement is the fact that lamb prices in most areas have been stable compared to previous years. Smoothing out the big dips in live prices to producers is one of the long range goals of the ASPC.

While Denver, Salt Lake City, and Houston were being added to the list of active lamb promotion cities recently, wool received a tremendous boost with the spectacular ad series in national magazines. The series of "America Creates" wool advertisements is being sponsored jointly by the ASPC and seven leading woolen mills. The ads are published in the September issues of Harper's Bazaar and Vogue. These ads are in addition to the ASPC's regular advertising schedules in national magazines.

Quast New Director for Lamb Merchandising

Kenneth E. Quast, 45, a veteran of 25 years' experience in the meat business, has been named director of lamb merchandising for the ASPC. Quast comes to the Denver headquarters of the Council from Swift & Company in Chicago, a company he has worked for in meat sales and merchandising since 1932. The Quasts have three

children and live in the Chicago suburb of Crystal Lake, Ill. The family will join Mr. Quast in Denver in the near future.

As director of merchandising for the ASPC, Quast supervises all phases of the ASPC's merchandising program for lamb in the 15 promotion cities. He has six regional merchandising men on his staff. The merchandising department assists packers and retailers in promotion and merchandising, and seeks their cooperation in broadening the demand for lamb.

Lamb advertising is underway in 12 of the 15 marketing cities, including Houston. Pre-advertising promotion work has been underway in Houston since the first of September. Advertising of lamb in Denver and Salt Lake City is well underway. Enthusiasm for the ASPC advertising program, and the full-color ads in particular, has been phenomenal.

Excellent reception has been received from all promotion cities to the ASPC program. California packers and retailers have credited the ASPC advertising program for maintaining an active market, despite a prolonged heat wave. One packer said that customers in the Southern California area are eating more lamb during this summer season than ever before to his knowledge. At the same time, the head of a large retail meat store

said his lamb business has held better than normal during the summer even though the weather has been excessively warm.

Meanwhile, retail tie-in with the ASPC program has reached a new peak. In most areas, and particularly in California, reports from all the major packers and nine of the largest chains, show that lamb sales held up unusually well through August. An analysis of retail tie-in advertisements reveals an unusually strong trend toward promotion of the lesser known cuts. One packer executive in Washington, D.C., recently commented that if the ASPC continues with its present program for another year, packers will begin to realize a greater return on the lesser known cuts with a resulting increase in profits to the producer.

Aware that the ASPC's seven lamb merchandising men cannot contact all packers and retailers, the council is supplying to packers, kits containing lamb display material, copies of advertisements and a calendar of ad dates. A survey conducted by the council reveals that packers heartily endorse the use of these kits by their salesmen in reaching countless meat retailers to tell them of the ASPC program. More than 1,000 of the kits have been put into the hands of packer salesmen.

Product publicity on lamb is receiving wide distribution through the Theodore Sills Company and under the direction of the ASPC's Consumer Service Department. During a recent four-week period, stories and photos were mailed to 168 major market newspapers. Preliminary returns indicate that 22 of these major newspapers, with a total circulation of 2½ million, have used the stories and photo. In addition, 900 scripts for radio and television use were mailed out. Several of the newspaper syndicates have agreed to use lamb stories and recipes this fall. As one example, King Features will use a story and recipe on lamb fricassee this fall. Total estimated readership of King Features—15 million persons. United Press, with a total readership of 45 million, will publish lamb shoulder and lamb chop recipes this fall.

STOP PINK EYE

WITH



OCUROL-VET

THE ONE-SQUIRT METHOD
Proven On More Than A Million Head

Supplied in 60cc bottles with handy spray attachment for treatment of pink eye and other bacterial or fungal infections of the eye

\$2.25 Per Bottle

At Your Favorite Dealer,
Veterinarian or Druggist
Manufactured by The Ocurol-Vet Co.
Sabinal, Texas

Wm. K. HOLT OPENS NEW PLANT FOR EXPANDED SERVICE



You are invited to attend
the formal opening of
OUR NEW PLANT
Saturday, October 5, 1957,
10 A.M. to 5 P.M.

Located on a 30 acre site, the new Wm. K. Holt Machinery Company Caterpillar Sales and Service will encompass 72,000 square feet of floor space under one roof. General offices and sales rooms will make up the 12,000 square foot administration building and the remaining 60,000 square feet will house the complete parts department and 32 bay service. The remainder of the vast Holt acreage is planted with more than 1500 different varieties of experimental grasses to assist farmers in this area with specific soil conservation problems.

Wm. K. Holt, Chairman of the Board, has announced that the formal opening of the new building marks the completion of the building plans, reaching a goal of supplying customers in South Texas with the finest possible and most efficient Caterpillar facilities in San Antonio, Austin, and Corpus Christi.

Bring the wife and youngsters — the "HOLT" family.

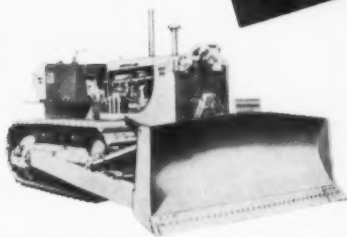
REGISTRATION
Lobby of
Administration Building
10 A.M. to 5 P.M.

DISPLAY
of latest
earthmoving equipment.

Demonstration
at 2:30 P.M.

COLOR FILMS
will be shown
at 10:30 A.M. to 4:30 P.M.
Lunch 12 to 2 P.M.

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AND LOOP 13 SOUTHEAST
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When your shipping problems begin to look like a monster call Santa Fe.

Put our staff of freight experts to work for you and find out how well Santa Fe can handle anything that needs to be shipped to or from points in the West or Southwest.



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BEVIE DeMOVILLE, Owner
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PERKINS DRUG CO., INC.

The Rexall Store — Your Best Prescription Store
"SMITH and SONS" San Angelo, Texas

OUTDOOR NOTES

By JOE AUSTELL SMALL

Cat Static

CATS frequently change position and lick themselves incessantly just prior to a storm, because the air is then overcharged with the electric fluid to which cats are extremely sensitive. Maybe that's where our weatherman gets his dope.

Foxes of Sarah

Unlike the movie, "Foxes of Harrow," which had nothing to do with foxes, this one is foxy throughout.

The U. S. House of Representatives recently voted to pay a woman fox farmer \$17,840 because military airplanes frightened her foxes into killing their young.

From 1942 to 1946, the resolution reads, Army planes buzzed Miss Sarah A. Davis' fox farm (located near Great Barrington, Mass.) causing many mother foxes to become so frightened that they killed their pups and lost their value as breeding stock. All told, 425 fox pups, including the silver and platinum varieties, were killed.

Miss Davis complained to Army authorities but got no results. The Army, however, did recommend enactment of the bill paying the damages.

Shades of Oklahoma!

Red Plains Trading Post up in Oklahoma City has come up with a mighty fine record commemorating Oklahoma's 50th Anniversary! The song, the sound, the story of Oklahoma are wrapped up in one long-playing record, "Ballad of Oklahoma," which features Bob Duncan, the Surrey Singers and many others.

Durned if you aren't there—on the wind-swept prairie in the days of the Indian and buffalo—along the trail with the "Poor Lonesome Cowboy" and his vast herds—in the mad dash of the first Land Run in our history—listening to the whimsically mournful tale of the settler—in the halls of Congress as "Teddy" Roosevelt proclaims statehood—in the oil fields as the roar of a gusher comes in on the wings of the "Dickey Bird."

For a full 21 minutes of melodic folk-history, this record can't be beaten. Better tie four bucks to the neck

of a hi-lifed rangy nag and head'em to Red Plains Trading Post, Box 8533-TW, Oklahoma City, Oklahoma!

Snake Folklore

Many popular beliefs about snakes which have been handed down through the years are untrue. It is still widely believed, by many people, that snakes are slimy, that the killing of a snake will be avenged by its mate, that the age of the rattlesnake can be determined by the number of rattles, that all snakes are poisonous, that they sting by their tongue or tail, that snakes charm their prey, that there is a "hoop" snake which can roll down a hill like a hoop, that certain reptiles will break in many pieces when struck, then later the pieces will come back together, that whiskey is a cure or aid for snake bite, and that the bite of a snake will not affect a pregnant woman.

Short Snorts

Homing pigeons have been known to carry messages over 800 miles—despite the fact that they have been protected from hunters for years, quail in Ohio are at their lowest population point in history—one pinch of snuff will kill a fish or snake almost instantly and will anesthetize a turtle for several hours—the humming bird makes up to 200 wing strokes per second, while the duck makes only eight.

Nature's Oddities

Fish, like humans, become seasick if left to the mercy of the waves for an extended period.

There is a small plover in Africa which serves as a toothpick for crocodiles. The crocs allow it to enter their mouths unharmed.

Burrowing owls, prairie-dogs, and rattlesnakes have been found living in the same dens.

The female nine-banded armadillo normally gives birth to four young. Always they are all of the same sex.

The neck of a bird has greater freedom of motion than that of a snake. The tiny neck of a sparrow has 14 vertebrae while the neck of a giraffe has only seven.

Cousin Prong-horn

The prong-horned antelope is unique among mammals, it is not specifically related to the deer, wild goat or

Dunham Farm

BILL McKENZIE, MANAGER
WILSON, LOUISIANA
(35 MILES NORTH OF BATON ROUGE)

PUREBRED
SUFFOLK SHEEP

PUREBRED
**SANTA GERTRUDIS
CATTLE**

FOR SALE AT ALL TIMES

giraffe—yet it has characteristics common to each. Like the giraffe, it has two hoofs on each foot. It is similar to the goat in that it has musk glands and a gall bladder. It has forked horns like the deer, but the horns are formed from agglutinated hair. Instead of shedding them entirely like the deer, it casts off the outer shell after the rut, leaving a bone-like core on which grow new horny shells.

Plucked Duck

Drake ducks are grounded for about a month each year. This period comes during the eclipse moult, at which time male ducks shed their feathers and are unable to fly. After ducking in and out of corners as a nudist for a time, the old man goes into disguise. He grows new feathers like those of the female. This stage is called the eclipse plumage. He masquerades as a female for another month, then sheds all feathers except those on his wings. Then is when he grows feathers that bring him back to his natural personality again—a full colored drake. He keeps these feathers until the following year when it is all to do over again.

It is during that period of time when drake ducks can't fly that a great many of them fall victim to predators.

Packaged Fire Department

Should your tent, cabin, or trailer catch fire, an emergency extinguisher can be made quickly by dumping half a box of common baking soda into a pail of water. The soda does the trick.

Poison Ivy-Oak Treatment

The fastest and best poison ivy or oak remedy I have ever used is this: bathe the affected parts with rubbing alcohol. With cotton, apply equal parts of bismuth subcarbonate and calomel. Then bandage. This treatment will relieve the itching almost immediately, and will dry up the worst cases overnight.

Snake Facts

Rattlesnakes and copperheads are viviparous. That is, they do not lay eggs, but bear living young. The eggs remain in the mother's body until hatched. Rattlesnakes usually bear from 6 to 12 young, copperheads from four to nine young.



As of March this year, the total market value of farm real estate (land and improvements) was \$109.5 billion, up \$6.8 from a year ago. The national average value per acre is about \$94.52, as against \$88.63 a year ago. Land values are rising—a trend which started in 1954 in nearly all states.

Farming and ranching costs are trending higher. If you plan on buying a pickup, tractor, or any machinery of steel, do it this fall. Next year it will be higher in price.

THE SUFFOLK-- MORE PROFITABLE BECAUSE OF:

1. Small, smooth heads . . . LESS TROUBLE AT LAMBING TIME.
2. Alert . . . ACTIVE — BETTER RUSTLERS.
3. Open face . . . NO WOOL BLINDNESS.
4. Unequalled constitutions . . . GREATER HARDINESS, BETTER RUSTLERS, MORE LAMBS THAT GET FAT FASTER.
5. Excellent Mutton Form . . . WEIGH MORE, SELL FOR MORE.

American Suffolk Sheep Society
MOSCOW, IDAHO



DYNAFAC

URGENT NEWS FOR SHEEPMEN -- DYNAFAC, ARMOUR'S NEW CHEMOBIOTIC FEED

ADDITIVE CONTROLS HARMFUL BACTERIA WITHOUT DISTURBING BENEFICIAL

ORGANISMS IN THE PAUNCH. TRIALS SHOW .57 POUNDS OF DAILY GAIN --

FEED EFFICIENCY IMPROVED 12%.

Armour, more than most companies, has a direct interest in making lamb raising more profitable. Now, the Armour Research Division has discovered Dynafac—a feed additive that will materially lower the cost of producing lambs.

Dynafac has proven outstandingly successful in hog feeding—and its promise is even greater in the production of lambs.

Dynafac has two characteristics for the lamb feeder.

First, it travels through the paunch without disturbing the essential fermentation organisms.

And second, it is almost completely insoluble. This means that it knocks

out harmful bacteria on contact in the intestinal tract without being absorbed into the blood stream or stored in the animal's tissues. It stays in the intestinal tract to do its work, so only very small amounts are needed for maximum protection.

5240 lambs on a Dynafac ration averaged .57 pound of daily gain—with a death loss of less than 1%. In another trial, feed efficiency was improved by 12%—while death loss from enterotoxemia was eliminated.

Dynafac is now available in branded feeds and pre-mixes. Look for it by the name tetra alkylammonium stearate (Dynafac*) on the feed tag—or ask your feed man about it. Armour and Company, Union Stock Yards, Chicago.

*Armour brand tetra alkylammonium stearate. Attention feed manufacturers—Dynafac is distributed nationally for Armour by the Chemical Department, McKesson & Robbins, Inc.—contact nearest chemical warehouse.

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By MRS. RUSSELL G. HARLOW

REGISTERED Rambouillet breeders who have recently become active members of the American Rambouillet Sheep Breeders Association include: Benton, Hadley, and Martin Wardlaw, Del Rio, Texas; L. M. Robison, Marfa, Texas; Charles Lewis Fletcher, Sanderson, Texas; Lyndal Wolvertson, Killeen, Texas; G. W. Thomas, Blanket, Texas; J. L. Newbury, May, Texas; Blanket FFA Chapter, Blanket, Texas; R. T. Huebner, Buffalo, Texas; Louis Lee and Son, Mt. Victory, Ohio; Jim Bridger FFA Chapter, Mountain View, Wyoming; Roy Henderson, Big Spring, Texas; Chatfield Kids, Sundance, Wyoming; Mrs. T. C. McClure, New Braunfels, Texas; Tony Allen, Sterling City, Texas; Paul Ray Schuman, Pottsville, Texas; Merrill A. Gunderson, Lodgepole, South Dakota; Curtis L. McCullough, Moorcroft, Wyoming; Vernon Cherry, Cisco, Texas; and J. Martin Stacy, Brookesmith, Texas.

Sul Ross State College at Alpine, Texas, has sold ten registered ewes to F. M. Bierschwale, Segovia, Texas.

The University of Illinois at Urbana has sold a ewe and a ram to M G M Farm at Seymour, Illinois, and a ewe to W. J. Hampton of Champaign, Illinois.

"Price average jumps 39 percent at National Ram Sale . . . demand for whitefaced offerings advanced sharply . . . a much stronger wool market and an apparent optimism aimed at increasing foundations flocks brought the biggest smile to the faces of whitefaced breeders since 1951 when the average price paid for Rambouillets was \$308.00." Thus went the National Wool Grower report of the 42nd annual sale held at Ogden, Utah. Two hundred seventy-four Rambouillets averaged \$159.43, compared with \$87.11 on 283 head at last year's sale. The top Rambouillet was consigned by the Nielson Sheep Company at Ephraim, and went to the Cola Creek Sheep Company at Casper, Wyoming. The high selling pen of five was also consigned by Nielson, and was purchased by W. Eugene Allred of Fountain Green, Utah, for \$275.00 per head.

Whitefaced rams were also in strong demand at the 31st Annual Oregon Ram Sale, where the John K. Madsen Rambouillet Farm, Mt. Pleasant, Utah, had the top-selling ram, which went to Philip Coyne of Ontario, Oregon, for \$360.00. Five head of Rambouillets consigned by John V. Withers of Paisley, Oregon, topped the pen sales at \$225.00 each. Buyer was John Faure, Quincy, Washington. At the Nevada Ram Sale, the Niel-

son Sheep Company sold their consignment at a \$173.00 average to top the sale. George L. Beal Estate, also of Ephraim, was next with a \$111.00 average.

At the New Mexico Ram Sale, top price was \$230.00 for a registered Rambouillet consigned by Wynn S. Hansen of Collinston, Utah. A Rambouillet pen of five yearlings topped the pen lots at \$90.00 for the John K. Madsen Rambouillet Farms.

At the Fifth Annual National Wool Show, held during the National at Ogden, the grand champion fleece award went to the John K. Madsen Rambouillet Farms for their Rambouillet ewe fleece, which was also awarded the champion Rambouillet fleece trophy, a sterling silver tray presented by this Association.

Philip Jacoby, Sonora, Texas, has purchased 33 registered ewes and a stud ram from Eddie F. Smith, also of Sonora.

Vondra Brothers, Jay Em, Wyoming, have sold a registered ram to Perry Kerley of Roan Mountain, Tennessee.

One of our members, visiting the office last week, said that he certainly did wish he had more registered ewes to sell, because he has had innumerable inquiries for them. Said he hadn't had so many requests in years. Looks like Rambouillet breeders could have an excellent year, with any luck at all on moisture.

Louis Tongate, Brownwood, Texas, has sold 75 registered ewes and two stud rams to Worth and Wade Thomason, Brookesmith, Texas.

Myron Morris, Ft. Sumner, New Mexico, has sold two registered yearling rams to Jerry Harvey, Encino, New Mexico, and one to Robert Edward Lutrick, Abernathy, Texas.

At the fifth annual sale sponsored by the Wyoming Registered Rambouillet Sheep Breeders Association, Dr. R. I. Port of Sundance sold the top-selling ram to Utah State University at Logan for \$660.00. This is the top price paid at public auction for a Rambouillet ram so far this year. Dr. Port also consigned the second high-selling ram, which went to Betty Zane Hamaker at Gillette, Wyoming, for \$500.00. E. B. Chatfield and Sons, also of Sundance, sold their champion ewe for \$190.00, top ewe price of the sale. Buyer was Oliver Robinson of Belle Fourche, South Dakota. Dr. and Mrs. Port report, "We feel we had a very good sale at Douglas . . . we are anticipating a good sale at Casper and have 35 rams entered . . . still haying and it looks like we will until snow flies."

The Wyoming Association recently held their first field day and tour, with 150 people attending. Visitors participated in a spirited judging contest and saw flocks and management practices on four ranches. Speakers included M. P. Botkin, University of Wyoming animal husbandman, who

(Continued on page 40)

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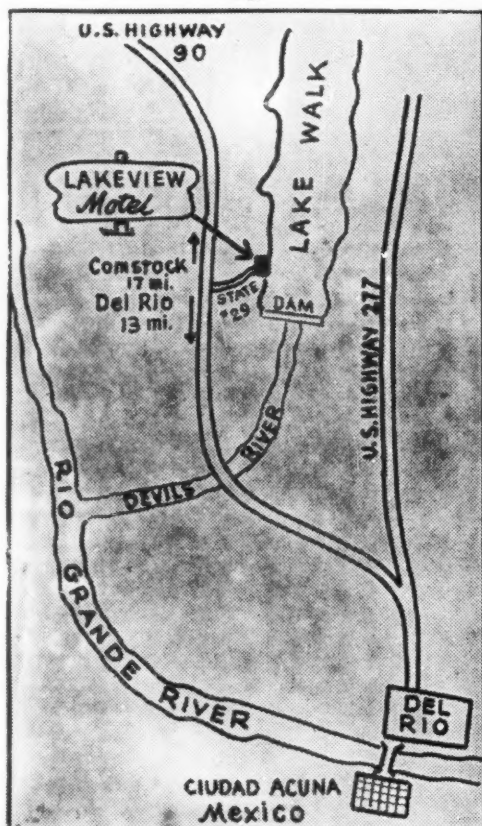
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Del Rio Headquarters For Recreation

DEL RIO, Queen City of the Rio Grande and county seat of Val Verde County, is headquarters for recreation at its exciting best. Del Rio is only 152 miles west of San Antonio and 158 miles south of San Angelo, nestled only two miles from the banks of the silvery Rio Grande River. Del Rio is a Spanish name which means "By the River." Val Verde means "Green Valley." Del Rio is the largest town between San Antonio and El Paso and is the only port of entry into Mexico between these two cities.

Del Rio and her sister city, Ciudad Acuna across the Rio Grande in Mexico, are connected by the international bridge. This area is filled with interesting historic sites and natural wonders. The only corktree in North America grows near the Las Vacas road to Mexico; the third largest springs in Texas are in Del Rio; the vineyard of the Qualia family annually yields fine Italian-type wines; reeds grow wild along the Rio Grande and are cut and cured for use in musical instruments; and Del Rio is the wool and mohair capitol of the United States.

The twin border town is named in honor of the romantic poet Manuel Acuna, who is said to have died of unrequited love. On the main plaza of Acuna you will see many monuments erected to the heroes, soldiers and statesmen of Mexico. Ciudad Acuna has always stood for courtesy, consideration and romance. The little fort or barracks topping the hill above Acuna's main street is symbolic of the good-neighbor policy. No great guns or heavy pieces of artillery threaten;

the officers and soldiers are friendly.

English is spoken by many in Ciudad Acuna—especially in the interesting curio shops exhibiting handicrafts from all parts of Mexico. You will have no difficulty ordering food and refreshments in the exotic restaurants, cafes and night clubs catering especially to visitors from the United States. Some clubs open day and night and taxi service is available at all hours. Some of the best bullfights are fought at La Macarena the first Sunday in each month in season.

Just west of Del Rio is the scenic gorge of the Devil's River; the massive Georgetown limestone buttresses of Castle Canyon; and beyond is the impressive Pecos Canyon. The brushy terrain and canyon areas cut by the Pecos and Devil's Rivers provide excellent range for deer and wild turkey.

Just 15 pleasant minutes from Del Rio, Lake Walk and Devil's Lake on Devil's River, with a shoreline of seven miles, afford the best fishing in West Texas. Huge catfish weighing 45 to 50 or more pounds are caught in Lake Walk. There are also crappie, black and white bass. It is the only lake where large lobsters are caught. They were stocked in the lake by the government to see what they would do in fresh water and they have increased very successfully.

The lake is dotted with comfortable, clean cabins and camping sites. There is an excellent cafe that supplies short orders, fine drinks, and all fishing and grocery supplies for fisherman and picnickers. You can rent a boat, motor or both or launch your own. Skiing is a popular sport on the lake and a moonlight boat ride on the lake is indescribable. Many vacationers fish at the lake during the day and play in Mexico in the evening.

Right in Del Rio is San Felipe Springs which flow 103,000,000 gallons per day. These springs feed the San Felipe Creek that runs through Moore Park and provides great sport, swimming pool and picnic facilities. It is one of the most beautiful spots in Del Rio.

San Felipe Creek winds throughout the Country Club Golf Course, one of the sportiest nine-hole courses in the Southwest. Golf is played the year around and some of the Southwest's greatest invitational tournaments are held here.

Val Verde Fair

The Val Verde County Fair Race Meet will be held in Del Rio on October 18, 19 and 20. Seven purse races a day plus match races will be run each day of the fair, on the Del Rio Quarter Horse Race Track, the only remaining track in Texas where owners can have their horses classified. There will be exhibits at the fair and a carnival.

For a good time, you will want to attend the Fair-Race Meet and maybe do a little fishing, dancing and shopping in Mexico and just playing while you are in Del Rio.

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EXCITEMENT IN DEL RIO'S SISTER CITY . . .

Bullfights in Acuña

By BILLIE STEVENSON

IN CUIDAD Acuna, sister city to Del Rio, where bullfights are held the first Sunday in each month during season, the best bred bulls are pitted against outstanding matadors brought from Mexico City. Sometimes an especially spectacular fighter like Patricia McCormick or Georgina Knowles will draw crowds from thousands of miles.

In the usual bullfight four to six bulls are killed by three matadors who are aided by picadors and banderilleros. The individual fights are divided into three parts. 1. The picadors lance the bull and he is maneuvered by other men with capes. 2. The banderilleros plant barbed sticks in the bull's back. 3. The matador maneuvers the bull with the muleta (short cape) and kills him. Briefly, that is usually all the average un-knowledged spectator sees. Yet the cape and muleta work, to an eye that knows what to look for, is beautiful. There is an excitement, and a sadness in a good fight.

Most Americans do not understand or appreciate the bullfight. I believe that when you understand the mechanics, you can feel the danger, the courage it takes to face that danger. A bull's horn is about three inches in diameter, and can penetrate bone and steel. They have broken the heavy boards in the burladeros, in the arena.

The mistake most people make about the bullfight is that they assume it is a contest between the man and the bull. It is not. It is a contest within the man himself. He pits his bravery and his training, which dictates he must plant his feet and pass the horns as closely past his body as possible, against the innate human impulse to get the heck out of the way. If you think it is easy to stand

still in the course of a charging, half-ton beast, just watch a brave, experienced matador who recently has been gored, step backwards by sheer reflex as the bull charges past.

Fighting bulls have been bred as long and possibly more carefully than beef bulls. A fighting bull is all muscle, bone and horn, with a built-in love for fighting. Fighting is his only reason for existence. All cowardice is bred out of him by using only excep-

tional animals for breed stock. A good bull will charge anything that offers combat repeatedly, and under all sorts of punishment.

The fighting bulls are raised on Ganaderias, which are very similar to our cattle ranches. A fighting bull comes in contact with man only when he is branded, tested for bravery, and when he is shipped in heavy cages to the bull ring.

Before the fight the matadors enter a small chapel just outside the ring and pray for guidance and protection. The fight opens with a parade formed by the matadors in a line abreast, with their guardillas filing after them. The toreros walk with their parade capes twisted around their arms and their hats pushed forward, and when

(Continued on page 28)



The bull charges the cape, Enedino Mendez with weight on left leg, right leg ready to swing out of the range of the horns, places the sword between the shoulder blades for a quick kill.

Four Bullfights at La Macarena ACUNA, MEXICO

(Opposite Del Rio)

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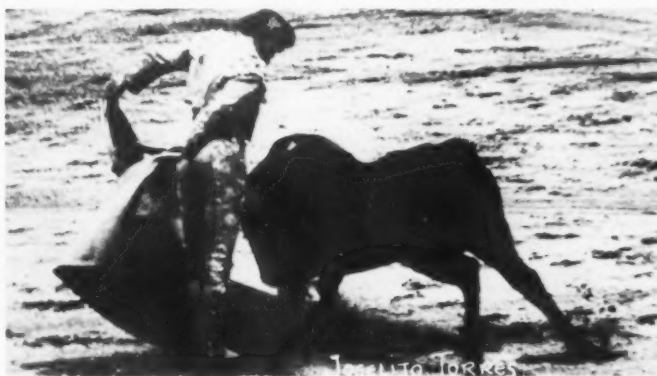
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Here "La Serranita" Maria Cobian kneels in prayer just before entering the bull ring for the fight.

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Bullfights in Acuña

(Continued from page 25)

in front of the officials' box, take off their hats and bow. After the parade the toreros squeeze through the burladeros (these are heavy wooden shields the same height as, parallel to, and hiding opening in the barrera) (the fence around the arena), and enter the callejon (alley-way around the arena). They all take their positions at the various burladeros.

A door into the arena is opened and the bull, glistening black in the sunlight, with his owner's ribbons fluttering (this little bunch of ribbon that flutters on the bull's morillo is

called divisa (emblem). The bull farms use colors as do racing stables. The ribbons are attached to the bull's back by a very short harpoon point and is planted by a man at the gate just as the bull enters the ring, and charges across like an overdue express diesel.

As I stood there with my camera poised ready to snap the first charge I was terrified. I lowered the camera to run; wanting the picture, I raised the camera again, sighted the charging beast in the lens, it looked as though he was coming right through the fence. I lowered the camera, took a quick look, turned and ran through the back gate to safer territory.

He didn't come through the fence. I stood there for a while and decided if I was going to get pictures, I'd

have to go back into the callejon. Shaking so I could hardly hold the camera still, I ventured back out. I sighted my camera for a shot of that half-ton of charging dynamite. "La Serranita," the diminutive lady bull-fighter from Guadalajara, made a beautiful pass. I just knew the bull was going right through her. I was so frightened I forgot to snap the picture. Through half the first fight I

was so excited and scared I didn't snap a single picture.

They can say what they want to about killing that bull being cruel, but I'll tell you frankly, I was relieved and glad to see an end to him before he killed everybody in the ring. "La Serranita" made a good kill and was awarded an ear. This was her farewell fight. She is retiring from the ring after fighting for twenty years.



Skiing is also a favorite sport at Lake Walk. Lower left are some of the many boats docked at the lake. At right, part of the patio of Lakeview Cafe.

Ricky Thomas, whose father has a business in Del Rio, holds up a good string of crappie. Ricky has a boat of his own and spends a great deal of his time on the lake.



\$100.00 REWARD



Have you seen Sam?

Lost from my residence in Sonora December 23, last, rather large, 8-year-old black and white Border Collie dog. Very friendly, loves children. Very willing worker. White high on left front leg, very little white on right front foot, about 4 inches white on both hind legs and tail, white ring on left half of neck, scar in right ear. Vaccinated for everything.

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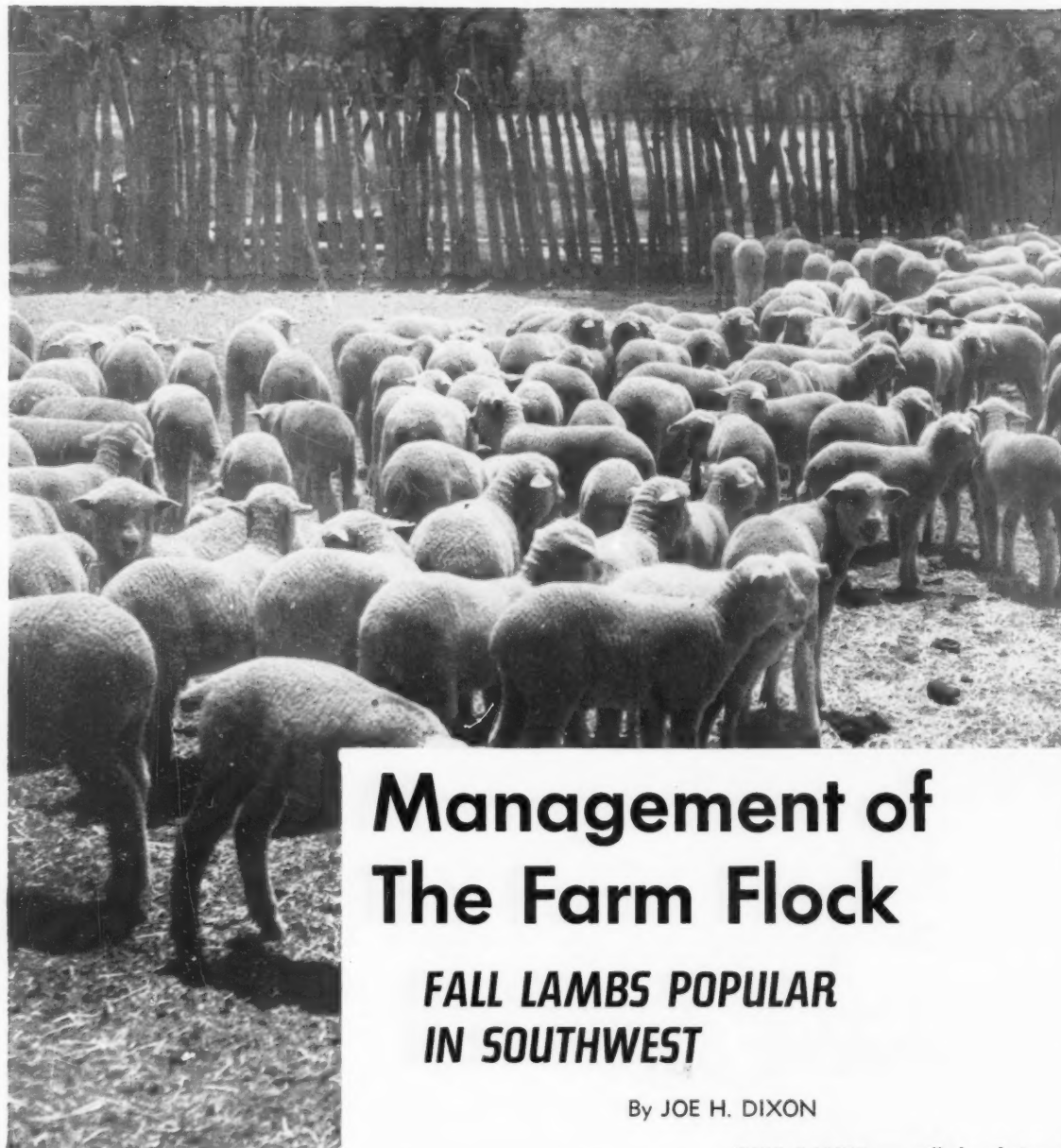
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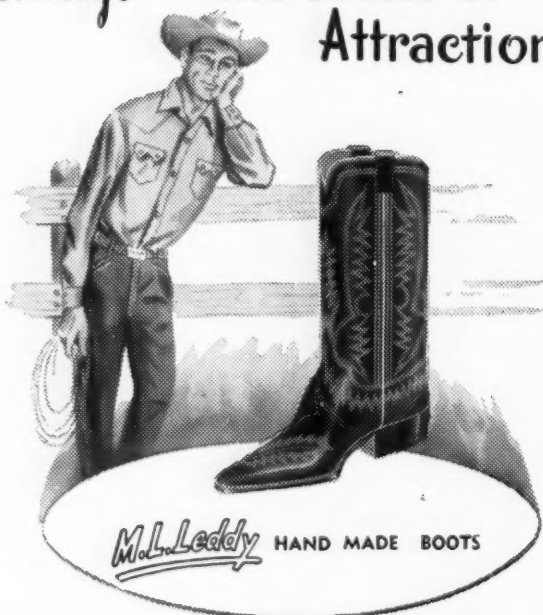


Management of The Farm Flock

FALL LAMBS POPULAR IN SOUTHWEST

By JOE H. DIXON

Always... the center of Attraction



M. L. LEDDY & SONS
San Angelo, Texas

FALL LAMBS are still the choice of many sheepmen in the Southwest, and it is still a common practice to have their lambs dropped during October, November and December.

The advantages of early lambs are many. Your fall lambs do not have the hot summer months to contend with for they are generally ready for the early market. At Easter time the demand for quality lambs is nearly always good and prices are high on account of a heavy demand for lamb in eastern cities at this season of the year.

Undoubtedly, lambing conditions in other sections of the country, notably the middle east and far west, have a decided influence on the price of lambs at certain times of the year, and the market will vary according.

Fall lambs probably get less attention and need less at lambing time, than do lambs dropped during the winter months. There are probably two main reasons for this—most of the fall lambs are out of fine wool ewes, predominantly Rambouillet and Delaine bloodlines. This type of ewe is well known for her ability to lamb without much trouble and seldom needs help at lambing time. The other reason is perhaps more simple, because most fall lambs are dropped in the open, when weather conditions are more or less ideal for ewes to lamb.

Keep Lambs Growing Fast

We sometimes think of the arrival of the newborn lambs as the beginning of the new sheep year for the average flock owner. The quantity of your lamb crop can depend on several things, but largely it will depend on the condition of the ewe flock at lambing time and the care you give it during this period. The quality of your lamb crop will more or less be a true measure of the wisdom and skill you used in selecting your breeding ewes and stud ram.

Once the lambs are born it is important to keep them growing fast and gaining weight as rapidly as possible. When at all possible, keep the ewes and lambs on good green feed during this important period, so the lambs will receive plenty of milk. Small growing lambs need milk and there is nothing that will make them grow any faster.

Late in the fall, wheat and oat pastures are fine for the ewes and lambs when available. After the fall rains there is generally some kind of green feed or pasture that the flock can be turned in on, to good advantage.

For orphan lambs that have lost their mothers or were disowned at birth, you might try raising them on a milk goat. This method certainly appeals to me more than trying to raise them on a bottle. Usually the goat soon learns to accept the lamb or lambs as her own and many times will mother as many as two or three lambs.

Creep Feeding For Lambs

Some of our more successful commercial lamb growers, and also many of our top purebred breeders, use the method of creep feeding to help grow and fatten their lambs rapidly. Commercial lamb producers have learned that milk-fed lambs that have access to creep feeding has helped them get the top market price and to get them on the market sooner. Especially, have they found creep feeding for lambs worthwhile, when the pastures are not too good and the ewes are not milking as they should. Creep feeding is to be recommended to flock owners wanting to make fast gains on their lamb crop and those wanting to command the top market price.

Creep feeding is done by building a pen or feed lot for the lambs which the ewes or mothers cannot enter. Make the openings between the slats or rollers large enough for the lambs to enter, but small enough to keep the grown sheep or ewes out. That is the general idea in making a lamb creep.

The lamb creep needs to be equipped with a feed rack long enough to accommodate all the lambs eating at one time if possible, and made so both grain and hay may be fed in it.

Several different mixtures of grain feed are used by different flock owners.

Damage from burrs and foreign matter is surprisingly small in the Uvalde area, it is reported. In other areas it has been too exaggerated, declare growers.

Roy Kothmann, livestock dealer of San Antonio, Uvalde and Pearsall, has been ill in a San Antonio hospital.

ers, that usually include oats, barley, maize, corn, wheat bran and sometimes other kinds of high protein feeds such as linseed oil meal or soy beans.

For good results, a good legume hay is perhaps best, including alfalfa, sweet clover or medium clover. If this kind of hay is not available perhaps you could substitute sweet sudan hay if it is cut young and tender, for sheep seem to be very fond of sweet sudan.

It of course costs considerably more to creep feed your lambs, but in the long run you more than get it back if your lambs can top the market. My guess would be, you would find it exceedingly hard to command the top price for lambs that are merely pasture fed and raised unless your pasture was exceptionally good. Some flock owners prefer to feed lambs ground or chopped alfalfa or other kind of hay in their creep, as there is very little waste when fed in this manner.

Keep Records on Your Flock

To improve a flock from year to year, it is a good plan to keep some kind of record on your breeding flock at lambing time. While it is a little extra work, it is time well spent. Knowing from year to year what kind of lambs each ewe in your flock produces and the amount of wool she shears, give you something to work on when you cull the flock and sort out the undesirable individuals.

There are some flock owners breeding sheep who know and recognize each individual in their flock without any means of identification. There

are others in the sheep business who have no idea as to the age of a sheep unless they are caught and mouthed. It is therefore a good plan to put a breeder's ear tag in one ear and at lambing time to keep the breeding flock back numbered. This will give you a double check on your flock, if you are keeping any records.

Back Number Your Breeding Flock

You have only to attend a few of our better sheep sales to note the advantage of having the sale sheep back numbered, as a means to identify each individual quickly. You can see that sale lot number on their backs from quite a distance and think of the time it saves, when the buyer is ready to load his sheep. No time wasted catching sheep to read ear tag numbers, which sometimes is hard to do.

By back numbering your ewes and giving their lambs the same number, it is an easy matter to watch and notice the best mothers in the flock. You will be able to keep tab on the ewes producing twins each year. At shearing time it is also a good plan to keep a record of the number of pounds each ewe produces.

Some flock owners put the number across the top of the back, while others prefer putting it on the sides of the ewe and lamb. Either way, it is an accurate and simple method to keep up with your flock.

To back number your flock, a set of aluminum or metal branding markers come in mighty handy. These may be secured at most any livestock supply house together with regular

branding paint, usually black in color, that is made especially for use in branding sheep.

Once you become accustomed to keeping your flock back numbered, no doubt you will be quick to recognize the many advantages this method of keeping up with your flock affords.

Plan to Attend Sheep Show At Dallas

Most Texans are extremely proud of their State Fair, held annually in the heart of Dallas. This year's dates are October 5-20, so be sure to start now making plans to attend. The fair's Pan-American Livestock Exposition attracts breeders each year from all parts of the nation and visitors from every country of Central and South America.

This year's sheep show should be especially attractive to those wanting to study the many different breeds on exhibition at the show. The quality of the sheep show is always high and many of our leading flocks are represented in the barn.

My first experience showing sheep at Dallas was back in 1922. That was long before the Centennial Buildings replaced many of the old buildings on the fair grounds. The sheep show was good even at that time but very few sheep exhibitors of that era are to be seen any more around the show ring at Dallas. My good friend Todd, who cares for the Texas A. & M. College flock at College Station, is one of the old timers who showed at that time that can still be seen showing fine wools at Dallas from time to time.

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GLOBE PHENOTHIAZINE DRENCH With Lead Arsenate

This effective new Globe product was developed to meet the needs of sheep men for an economical Phenothiazine Drench. Recommended for the elimination of Tapeworms (*Moniezia*), Stomachworms, Hook Worms, Nodular Worms, and "Bankrupt" Worms from sheep and goats. Greenish-gray in color. Using Globe Phenothiazine Drench with Lead Arsenate, it is not necessary to starve animals before or after treatment.

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Globe Special Boluses, like Globe Pink Drench, are for the elimination of Tapeworms (*Moniezia*), Stomachworms, Hook Worms, Nodular Worms, and "Bankrupt" Worms from sheep and goats. These Special Boluses contain the same proportion of Phenothiazine and Lead Arsenate as found in Pink Drench. Results following the use of either product are the same. Boluses may be crushed, mixed with water and given as a drench. One Special Bolus is equivalent to one ounce of Pink Drench.

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SPECIAL
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PINK DRENCH



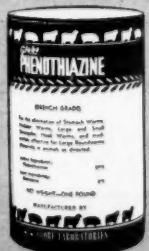
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CACTUS HOTEL ANNEX

SAN ANGELO, TEXAS

Please Mention This Magazine — When Answering Advertisements

Foxtail Johnson Objects

RINGTAIL SKUMP ain't used a hoe or cultivator all year and his fields sure look it. Says he's tryin' to cross slow growin' crops with fast growin' weeds.

Sen. Haywire is home again and plumb stumped on how to keep the southerners and northerners apart while he tells 'em diffrent stories about his civil rights votes. Says maybe he'll just treat us all like western-

ers and tell about Washington licker.

I'll fight to the last ditch if the county ever tries to put one of them sneaky paved roads past my place. When somebody's comin' to see me I want a warnin' dust cloud so's I can hide till I see who it is.

The big cities has took to buildin' one-story schools but they're nothin' new out here. Our schools has always had one story, one room, one teacher, and just about one pupil in yam diggin' and hog killin' time.

It's years and years since my wife asked me a question that the answer wouldn't incriminate me.

Fodge Rucker got plenty answers but few orders when he advertised self-diggin' fishin' worms. He meant the customer was to dig 'em hisself.

Well, it looks like we're gonna eat turkey at the Johnson place on Thanksgiving, and give thanks that one turk lived through the season outa 47 we started with.

Doctors say that pretty soon they'll be able to stretch out human life to 150 years. Snag Posey says if anybody forces him to live this kind of a life that long it'll be over his dead body.

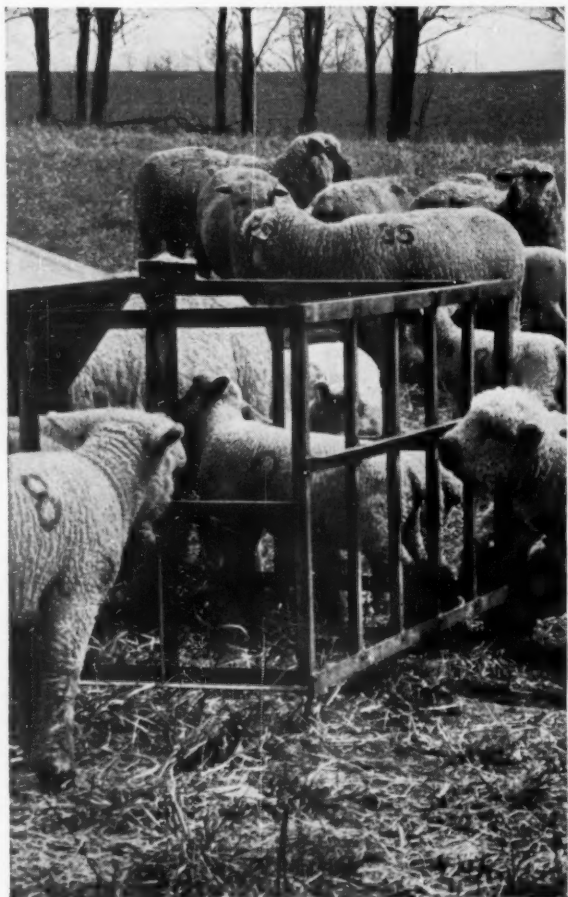
Science is sure wonderful. There's only 48 phones on our Squawberry Flat system and always at least 148 conversations goin' on.

My wife says I wouldn't be so scrawny and ugly if I wasn't so dag-goned mean. I'd be fat like Sprig Fibble, and sick and about to leave a big insurance.

Seems like all the towns around here has to have a clean-up and paint-up campane ever fall irregardless of how many times in between they get painted red.

I'm asked to be a judge at our big Hardscrabble beauty contest. Everybody knows I'm unbiased 'cause all my female kin is barred on account of no beauty.

Our school board has told the teacher not to bother about grammar classes no more. No matter how much



... in creep feeds



... in feed lot rations

Feed AUREOMYCIN to your lambs for good health and thrifty gains!

More and more sheep raisers are using AUREOMYCIN in creep feeds for lambs.

Feeders have found that AUREOMYCIN — fed to lambs early — guards health, promotes vigor, makes lambs less susceptible to respiratory diseases that usually follow shipment and change in environment.

Vigorous, healthy lambs — brought into the feed lot and continued on AUREOMYCIN — go on full

feed quickly with less danger of enterotoxemia, develop faster, make thrifty gains, show more "bloom," get to market earlier!

Ask your feed manufacturer for feeds which supply 20 grams of AUREOMYCIN Chlortetracycline per ton of total ration.

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UNDER THE TERMS OF A "TOUGH" EDICT PROPOSED EARLY IN THE 17TH CENTURY IN COLONIAL VIRGINIA, THE AUTHORITIES COULD PUT A MAN TO DEATH FOR SLAUGHTERING LIVESTOCK WITHOUT PERMISSION... THEY COULD LOP OFF THE EARS—AND BURN THE HANDS—OF ACCESSORIES... AND THEY COULD GIVE A 24-HOUR WHIPPING TO THE UNFORTUNATE WHO CONCEALED EITHER THE CRIME OR THE CRIMINAL!



Among the most ANCIENT TRADE GROUPS OF PARIS WAS THE ORGANIZATION OF BUTCHERS WHICH, IT IS CLAIMED, WAS IN EXISTENCE DURING THE LAST DAYS OF THE ROMAN EMPIRE....!

A KIND OF BREAD MADE OF BRAN AND BEANS WAS BAKED FOR HORSES IN OLD-TIME ENGLAND. AS EARLY AS 1540, BAKERS WHO PRODUCED "HORSE BREAD", WERE FORBIDDEN TO MANAGE OR KEEP TAVERNS OR INNS!



The FARMERS OF LATE 17TH CENTURY HADLEY AND SPRINGFIELD, MASSACHUSETTS, ARE SAID TO HAVE ORIGINATED STALL FEEDING OF CATTLE IN AMERICA.

A "MEAT" MAGAZINE SPECIAL FEATURE

grammar the younguns get learned, they still talk like Foxtail Johnson.

My wife says I was born a baby and couldn't help that, but it does seem to her like I coulda got over it in 69 years.

Josh Blicher has been off on a summer trip for ten days and he postcards home that already he has found two big tracts that ain't bein' subdivided. Both of 'em was national parks.

I'm the kind of a feller that can't do but one thing at a time and when it comes to thinkin' I'm even more restricted.

There was an ice cream social at the schoolhouse Tuesday evenin' but

nobody remembered to bring the ice cream and it looked like somebody forgot the sociability, too.

The feller that says he's gonna make a long story short never makes it short enough.

Another thing that beats me is how the labor leaders is gonna give the members a shorter work week when they've already got it fixed so none of 'em has to work.

See by the papers that city folks don't like to buy watermelons 'cause it's so much trouble to get rid of the rinds. Out here we just refer little matters like that to the hogs.

My wife and me always compromise. She gets her way this time and

I get my way next time, only when next time comes it's always just another this time.

Pip Frankle says there wasn't no legal reason why he had to change his name when he made his last big move and settled in Hardscrabble. He done it just from habit.

Phag Ubbins has air-conditioned his henhouse so the hens will lay more eggs. He says he'd air-condition his home too, if he knowed of anything he might get outa his wife that he ain't gettin' already.

I've made quite a study of histry and can't find where much that was important happened 'fore I was born. This is sure gonna be a dull world when I'm gone.

Genuinely Western
Tailored, Tapered and Trim



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MODEL NO. 1—CASTRATOR, DOCKER AND EARMARKER, \$15.00.

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Conservation-Wise

By BILL ALLRED

Soil Conservation Service

HERE IS a wrinkle for ranchers with no creeks or springs, dry well holes and costly water to pipe. Ranchmen on the Gloria Soil Conservation District in Monterrey County, California, have developed the "Cow Guzzler" to help solve difficult range water supply problems.

It is a stock pond that receives its water supply from runoff furnished from a waterproof apron immediately above it. Similar devices have been used for several years to provide water for wildlife in various dry areas in the Southwest.

Sites for cow guzzlers are not critical. They can be constructed in flat, open country, canyon bottoms, or on mountain tops. The only limitation is a slope too steep for equipment operation. This wide range of site selection just about licks the problem of water distribution. But, the decision to build a guzzler brings other considerations; one is cost using road oil for a one-acre apron. A fair estimate for the average cost of a guzzler is \$1,000 to \$1,500.

The item of shrinkage will come in for a lot of play as the fall marketing season comes along. The rule-of-thumb allowance for overnight shrinkage is about three or four percent. This is supposed to take care of belly fill, the amount of decrease if an animal has gone without feed or water for eight to twelve hours.

If the animals have been on feed and water overnight, shrinkage probably will be about two percent. When your cattle are hauled off the ranch for weighing, expect them to lose weight—as much as two percent per hour for the first two hours. Weight loss will be slower after the first two hours.

World sheep numbers are increasing. There are about 919 million head, a two percent increase over last year. Cattle numbers are up one percent above last year and the world cattle population is 919 million head, a 20 percent increase over 1946-1950.

Activation of Great Plains Conservation Program, authorized by Public Law 1021 enacted by Congress last year, was announced. Congressional appropriation of \$10 million for first year's operations became available August 2. Secretary Benson issued regulations and operating procedures for program, and designated 221 counties in ten Great Plains States as eligible to receive program assistance. Purpose of program is to assist farmers and ranchers in carrying out conservation plans through long-term cost-sharing contracts that will help minimize climatic hazards and protect lands from erosion and deterioration by natural causes. New program supplements existing programs and activities and does not replace any of them. It established no new agency. Administrative responsibility has been assigned USDA's Soil Conservation Service. Program will be carried out in cooperation with local and State governments, Great Plains Agricultural Council, soil conservation districts, and farm organizations.

Careful management of western mountain meadowlands can make them even more productive for modern rancher than they were for pioneer cattlemen, USDA reports. Seven years of research on high-elevation meadows in Colorado show that controlled irrigation in combination with timed harvests and use of fertilizer will nearly double beef production. Research has been done by USDA's Agricultural Research Service in cooperation with Colorado Agricultural Experiment Station, ranch groups, and fertilizer interests. Studies were undertaken because hay yield and quality in these meadows had begun to decline. Tests show that as management practices are improved, yield and quality of mountain meadow forage improves and, in turn, meat production efficiency is increased. These are significant findings when it is recalled there are 3½ million acres of meadowland at 6,000 to 9,000 feet above sea level in 11 western States (Colorado, Wyoming, Montana, Idaho, Utah, Washington, Oregon, California, Nevada, Arizona and New Mexico) and they are key resources for ranchers. Traditionally, they supply hay for winter feeding and early spring pasture until grazing lands at higher altitudes are snow-free. Beef feeding tests showed that over four-year period an untreated grass-legume meadow produced only 358 pounds of meat compared to 627 pounds from grass forage meadow treated with nitrogen. Another summary of research results showed that under ordinary ranch practice four acres are needed to produce 400-pound weaner calf. However, 570-pound weaner calf could be produced on 1.56 acres of mountain meadow that had received no soil treatment other than water control; and an animal of same weight could be produced on only .87 acre of nitrogen-treated soil with water control.

RANCH LOANS

PROMPT SERVICE AT LOW RATE OF INTEREST... LIBERAL OPTIONS

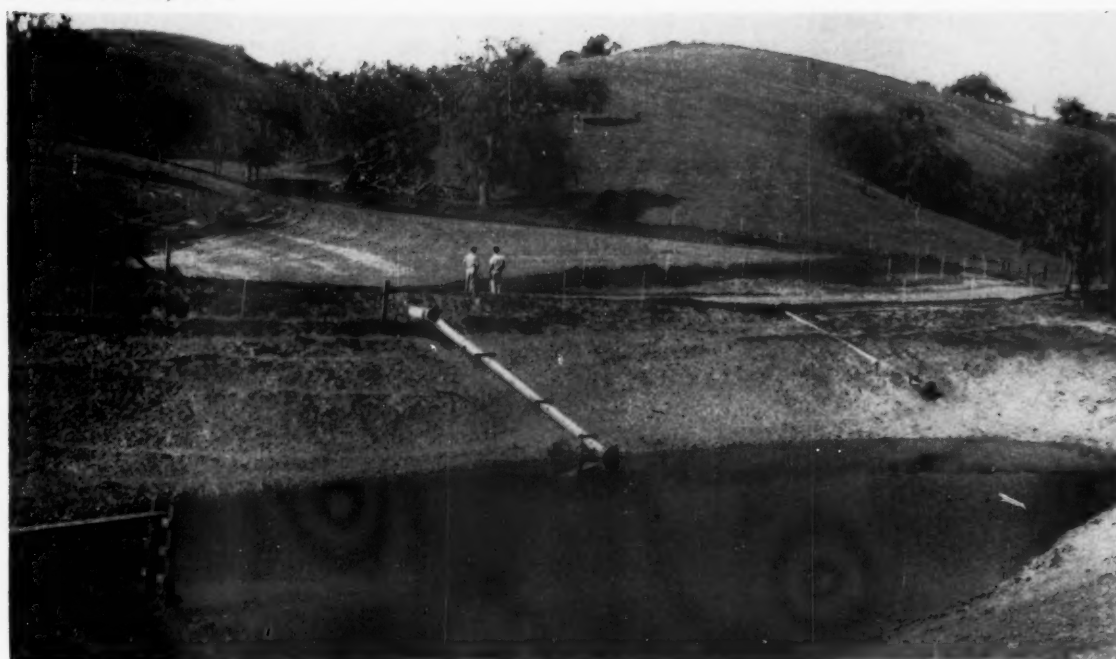
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WM. "BILL" WILLIAMS, MANAGER

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When efforts to supply your range with adequate water by conventional means such as wells, springs, dams and pipelines prove fruitless there is a last resort. The cow guzzler, consisting of a paved apron and tank, will supply sufficient water for the spring grazing season. Shown in the background is an oiled apron and road. Twin inlet pipes deliver runoff from the apron and road to the tank. Several guzzlers are proving successful in Monterrey County.

Between 30 to 35 years ago, we produced a pound of pork with 5.1 pounds of feed. Today, we produce a pound of pork with 4.5 pounds of feed. This is 12 percent increase in feed conversion efficiency brought about through research.

But, if all our research knowledge of feeding were put into use, we could produce a pound of pork with just 3.2 pounds of feed. This represents an increase of 37 percent over 30 years ago, and is 25 percent better than is actually being done today.

During the period November, 1956, through March, 1957, at Riesel, Texas, rate of runoff varied with the degree of conservation treatment applied. With almost equal rainfall, the 176-acre watershed farmed with ordinary practices produced more than double the runoff from the conservation farmed watershed.

"Salt for Cattle as a Regulator of Roughage Consumption" is an excellent new bulletin available from the Washington Agriculture Experiment Station, Pullman, Washington.

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Open Face Sheep?
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HOLT ANNOUNCES OPENING

The formal opening of the new Wm. K. Holt Machinery Co. sales and service facilities located on Holt Avenue and S. E. Loop 13, San Antonio will be held Saturday, October 5, Howard Murphy, president and general manager, has announced.

Located on a 30-acre site, the new building will have 72,000 square feet of floor space under one roof. The administration building which will house the general offices and sales rooms will be 12,000 square feet and the 32 bay service and parts department will contain 60,000 square feet.

In addition to the main building, Holt has made a major transformation of the 30-acre site. A paved road 44 feet wide and designated Holt Avenue has been constructed. Holt Avenue connects with Loop 13 just north of U. S. Highway 87. The remainder of the acreage will be planted with over 1,500 different varieties of experimental grasses to assist farmers in this area with specific soil conservation problems.

The new building was designed by Merle Simpson, Weslaco, Texas, using new concepts in construction never before used in the Southwest. According to William K. Holt, Chairman of the Board and founder of

Wm. K. Holt Machinery Company, the formal opening of the new building will mark the completion of the building plans of the firm's management, whose goal has been to supply its customers in South Texas with efficient Caterpillar facilities in San Antonio, Austin and Corpus Christi.

WEST TEXAS FAIR FEATURES PRIZE SHEEP AND GOATS

A FEATURE of the West Texas Fair in Abilene the week of September 8 was the sheep and goat show. In the open Rambouillet sheep show, Jimmy Stubblefield, Ballinger, exhibited the champion ram and ewe; Edgar Davis, Abilene, the reserve ram, and Mack Powell, Menard, the reserve ewe. Stubblefield also had the champions in the Junior Rambouillet show and Jack Klein the reserves.

In the Delaine open show, Donald Bradford, Menard, showed the champion ram and ewe, and Owen Bragg, Talpa, the reserves. Jerry Thiele of Abilene showed the champion and reserve champion rams in the Delaine Junior show; Anette Duncan, Mullin, champion and reserve ewes.

In the Hampshire open show, Bobby Bredemeyer, Winters, had the

champion and reserve rams and the champion ewe; Roger Sanders, Mullin, the reserve ewe. Bredemeyer also had the champion ram and reserve ewe in the Hampshire Junior show; and Sanders the champion ewe.

In the Southdown open show, Bobby Penny, Winters, exhibited the champion ram and ewe; Hamilton Choat, Olney, the reserves. Penny also had the champions in the Southdown Junior show; M. L. Spur, Crowell, reserve ram; A. C. Wessels, Winters, reserve ewe.

Angoras

In the open Angora goat show, Milann Powell, Menard, exhibited the champion buck; Jack Klein, Mountain Home, reserve; Edgar Davis, Abilene, champion and reserve does. In the Angora Junior show, Klein had all champions.

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Sheep Selection In Irion County

By W. C. HENDERSON, County Agent
(Written Especially For This Magazine)



A GOOD part of my time this spring and summer has been spent in helping ranchers of Irion County with their sheep selection program. There is more interest in the program each year because it is meaning more dollars to them; maybe not in profit, but it has kept the ranch from losing as much as it would have otherwise. As Elton Davis of Mertzon said: "The improvement that we have made sure hasn't cost us a penny and has kept the ranch from losing as much as it would have otherwise during this drouth."

The Selection Program

There are several types of selection programs in operation in the county, depending upon the particular ranch operation. Some of them are: (1) Dividing the sheep into three groups, and breeding the best rams to the best ewes. (2) Selecting some of the top ewes on the ranch to breed to an outstanding ram and thus raise rams to breed to the rest of the flock, and (3) Culling out the tail ends and breeding them to the bottom end of the rams or to breed these ewes to Suffolk rams because none of these lambs would be kept for replacements.

All ranchmen have some type of selection program but now it is most important to pay some attention to some things that we have not had to look at so closely during high markets and big demands. Many times we do our selection from a distance instead of actually getting up close and getting the true picture. Most ranchmen do what they can when they can and this is one of the most important reasons why the ranchman should pick out a selection program that he can use and that best fits his ranch operation. It doesn't cost a penny to go into it and it will increase the net return per head.

For us, the fall is one of the best times to do our selecting. Most ranchmen have several pastures now and it is little trouble to separate the best ewes and breed them to the best rams. Once they are separated the ranchman may want to keep them separated or just separate them before shearing, or perhaps for breeding. All it will take is an extra dot at branding time or some mark than can be recognized. By cutting them out he will know how many tails as well as how many tops. If it is necessary to sell some there is no question as to which group he will let go first. If he can keep ewe lambs he will know what group they should come from.

Probably we are spending too much time culling when we should be spending more effort on improving the top end. Most of us have our own idea as to what constitutes a good sheep but it still might help if we got someone else to take a good "cold look" at them. A tall sheep doesn't

mean a big sheep (by the scales). Not many sheep have to walk very far to water any more and that long leg sometimes makes us think she is big. Any selection program must keep the two products, wool and mutton, in mind. Dollars per head return is the only thing that we can brag about. If selection for both is continued, and we keep breeding better rams (much better rams than the ewes) we can expect the most of them to improve and thus dollars per head return to increase. A long, smooth, wide, deep bodied ewe has more body surface on which to produce more wool and will likewise have a better chance of producing more pounds of mutton. Face covering is another important thing to consider as it has recently been proven that it has a definite relationship to pounds of mutton produced. A ewe with an open face (one that does not have to be sheared around the eyes to see her way around) will produce more mutton and not sacrifice anything in wool.

The Rams We Use

A lot of our breeding difficulties come from the rams that we use. We all realize that half of the flock is the ram and yet we spend far too little time in selecting one to breed. If we would but take the time to select our

rams for their good points from a close observation, rather than a hurried glance, we could make faster improvement or hold our own in some cases. They should be checked to see if they actually have fineness and length of wool and are big and smooth. Many of the sheep in our county have pretty fair size but more attention should be given quality and quantity of wool. Too many of our rams in use today are tall and narrow and have short, coarse wool.

We can run just as many good sheep to the section as we can poor ones. In some flocks that we have separated for shearing we have found two to three pounds difference in grease fleece weights. In time we hope to eliminate most of the light shearers, but realizing that we can never eliminate all of the tail ends because there is a tail end on every flock regardless of how bad or how good. At fifty cents per pound for wool it is easy to figure why a good sheep will increase that dollars per head return. If we can make that ewe produce a dollar per head more in wool only, is it not worth taking time to do a little "close looking?"

PEST CONTROL CLINIC IS SCHEDULED

THE TEXAS Livestock Pest Control Clinic will be held in Fort Worth November 18 at the Hotel Texas. It is sponsored by the Texas Producers of Veterinary Supplies, the Fort Worth Chamber of Commerce, and the Farm and Ranch Club.

The subjects to be discussed include the Control of Lice on Livestock, Flies, Screwworms, Ticks, Insecticides, and Toxicity of Insecticides.

All sessions are open to the ranch people.

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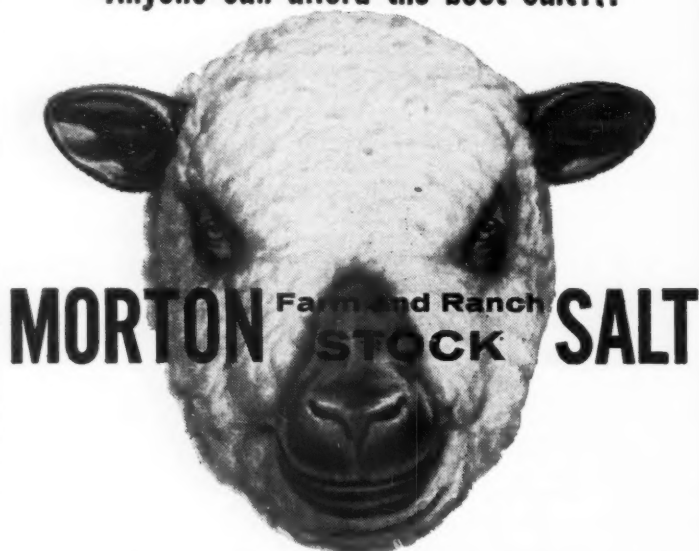
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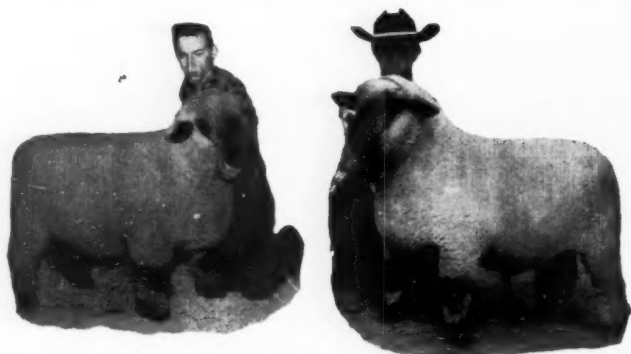


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Analyzing Livestock And Meat Situation

By SHEEP AND GOAT RAISER CHICAGO BUREAU

AFTER LETTING cattle and hogs share the spotlight for most of the year, the lamb market began taking over the first of September and the latter class began making up for lost time. The switch came as cattle and hogs, which earlier in the year provided much of the interest with their gains, began having troubles in holding their own. At the same time, the lamb market, which had lagged behind for several months, began making a play.

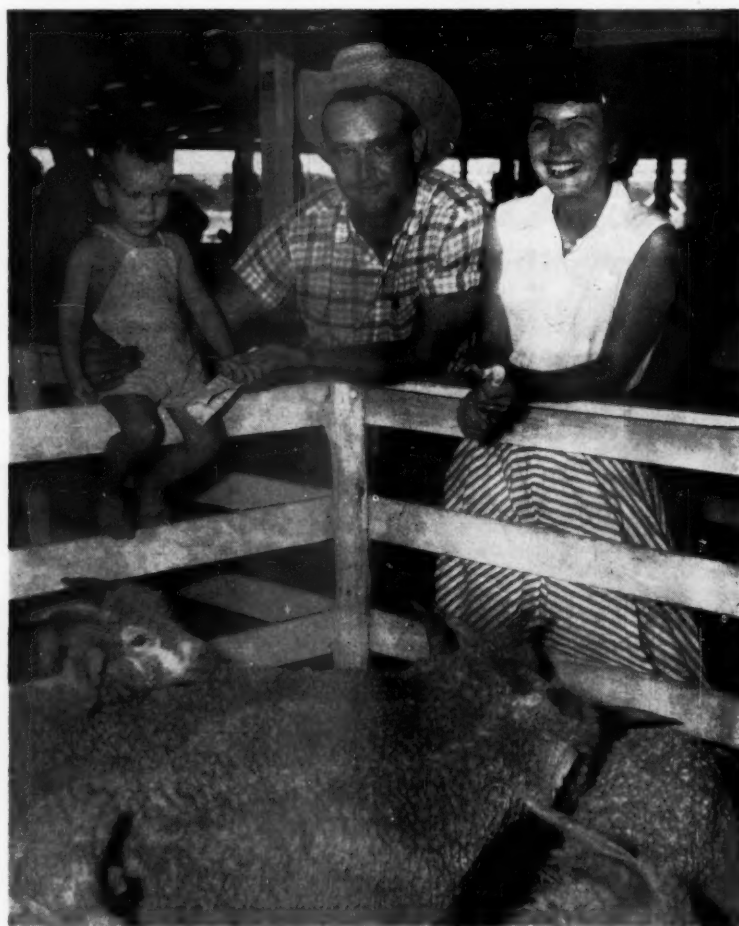
While recent gains in the lamb market at Chicago were not substantial, they were significant of what lamb feeders can expect in the foreseeable future. The trade held a firm position during the fore part of September, with the result that the gains were readily accepted by the killers.

The improved position which took over in the lamb market about this time was due mainly to the reduced slaughtering of lambs in recent weeks throughout the country and the cooler weather which stimulated the demand for lamb cuts. August slaughtering of

lambs in federally inspected plants throughout the country was placed at 1,100,000 head, which was among the smallest monthly totals since last fall. It was also the smallest August lamb kill in five years.

Because of the upturns in late August and early September, lamb returns around mid-September at Chicago were the highest in more than a year. Lamb slaughtering is expected to be down for the remainder of the year and, because of this, the recent improved levels in the lamb market are expected to remain during the forthcoming months.

After being stopped at the \$25.25 mark earlier in the year, the top for prime lambs late in August moved up to the \$26 figure, the highest price paid in Chicago since June, 1956. Only a very small number of the lamb feeders who marketed fat lambs recently were able to obtain this figure. This was due to the fact that the quality of the recent marketings was not very high and only scattered shipments carried the necessary



STARTING EARLY

Jerry Wayne Hoggett, 20-month-old son of Mr. and Mrs. Jack Hoggett of Junction, watches carefully the buck kids bought for him at the Jack Turner sale in Junction. He and his four-year-old brother are now registered goat breeders.

qualifications to grade prime and consequently command prices in the higher brackets.

Meanwhile, lamb feeders continued with their replacement buying operations and many producing sections began reporting that most bands or flocks have either been moved to the finishers or are contracted to move in the near future. The slight gain in fat lambs kept replacement interest fairly keen and recent purchases were completed at prices on a par with those established earlier in the season.

Ewe lambs continued to bring a premium in the replacement market over most wethers as the broad demand for breeding stock which prevailed throughout most of the spring and summer was again in evidence. Scattered sales of ewe lambs were reported up to \$25 recently, while most wethers went to the finishers at prices ranging down from \$21.50.

Judging from the liberal numbers of fat cattle which midwest cattle feeders moved during the fore part of September, it was safe to say that cattle feeders were in a selling mood. It has been reported in recent months that September was marked as a selling month on many calendars and the movement during the first half of the month bore out this prediction.

It was generally believed that the reason for saving cattle for September marketing was that prices last year reached their peak in September. While this was true a year ago, it did not follow the same course again this year as the bulge in numbers kept the trade under pressure much of the time and the lower rates which began in August were continued.

Because of recent developments, many are of the opinion that the high point for the year has already been reached and that the high set around the first part of August will stand. Both the top for strictly prime steers and the general level of prices were down moderately from the recent high point. It is believed that chances for a recovery are very slim since numbers are expected to be large enough during the balance of the year to block any recovery.

The recent downward swing in steer prices all but eliminated the talk of \$30 steers. A month ago it appeared fairly certain that the \$30 price would be realized, but late August and early September developments changed this. Prime steers moved up to \$29.50 with compara-

tive ease early in August, only to stumble and falter before reaching \$30.

Since then, losses in virtually all grades of steers dropped the steer top back below the \$29 mark during the first half of September. If prime steers during the balance of the month fail to sell above the August peak of \$29.50, it will be the first time in recent years that the September top was not higher than the top of August.

The recent downward trend in fat cattle prices has altered the picture in stockers and feeders somewhat. Although a large share of the replacement cattle either changed hands or were contracted for during the brisk season this summer at relatively high prices, the movement of replacement cattle continues and prices recently were somewhat under the high point as fat cattle losses weakened their position.

In fact, according to reports, there are a good many cattle feeders who are still taking a "wait and see" attitude. Many of them believe that replacement prices will show further losses as the season progresses and that late buying will show the best bargains. This trend largely prevails in the heavier weights since a good demand exists for both steer and heifer calves and they have not shown any weakness in recent weeks.

Hog producers during the fore part of September also felt the price cuts which were carried through the hog market. The decline, much of it seasonal as last spring's pig crop began moving to market in larger numbers, cut hog returns about 10 percent from set of August.

While part of the decline was due to the heavier movement of hogs, the market was further weakened by a lower trend which prevailed for several days in the wholesale pork trade. Around the middle of September hams in the wholesale trade lost \$8 in a little more than three weeks and dropped to new 10-month lows. At the same time, losses in fresh pork loins were also fairly sharp.

Along with the lower prices in hogs, the spread in prices continued to narrow as heavier-weight butchers moved closer to the lighter-weight new-crop kinds. At mid-September, the spread between the average price of butchers and the average price of sows was the smallest since last spring.

This narrowing of the price spread

developed when most of the recent losses centered around the butchers weighing under 240 pounds, while heavier butchers as well as sows which became scarce showed the least change. From the high point early in August, the average price of barrows and gilts dropped more than \$1 in about six weeks, while the decline in the average price of sows during this same period amounted to less than 25 cents.

Even though hog prices are expected to continue their seasonal decline in the coming weeks, it appears doubtful that prices will drop as low as

they did a year ago. An earlier-than-usual movement of new-crop hogs, plus the growing belief that the government placed the number of spring pigs too high in their prediction, are factors which many believe will keep hog prices above the low point of 1956.

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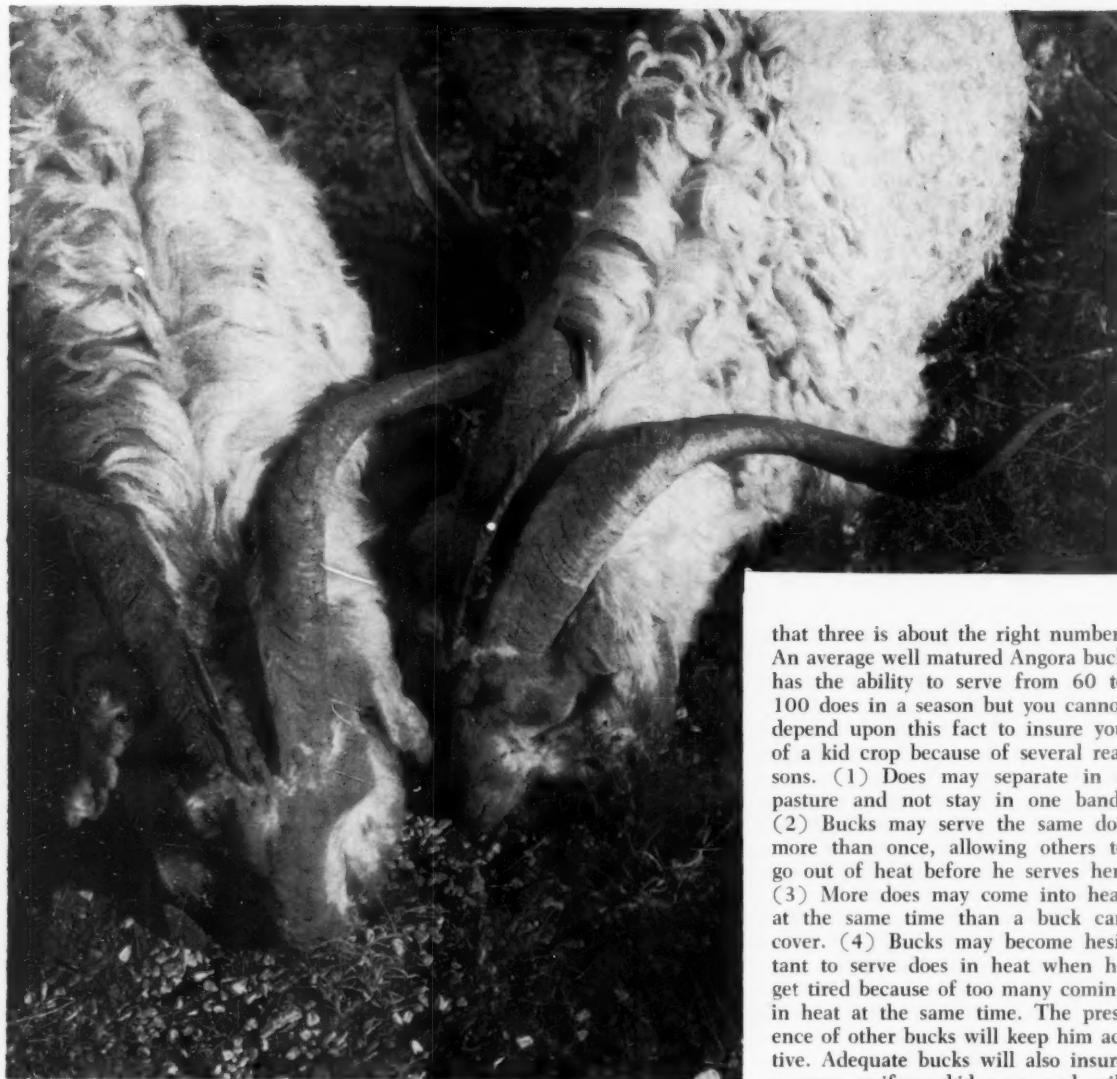
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Breeding Season of The Angora Goat

By MELVIN CAMP
Written especially for This Magazine

TO MOST ranchers who raise Angora goats the first cool fall days mean the approach of the breeding season. The breeding habits of the Angora are somewhat different from that of other classes of livestock in that the does do not come into heat except during the months of September through December. The kids are born during the months of January through May after a gestation period of approximately five months. Unlike the does, the bucks are fertile twelve months of the year and will mate readily with does of the Spanish or milk goat breeds which may come into heat any period of the year.

Most does are bred so that the kids will start dropping after February 15 and the bulk of the kids will have come by April 1. Most breeders figure that about 148 days is the average length of gestation with the first kids coming at about 143 days and the last at about 153 days, a variation of about five days either way from the average.

The following chart is handy to estimate the kidding dates according to the time the doe was bred. For instance, if you turn your bucks in the

15th of September your first kids will probably appear about the 9th of February with some possibly arriving as early as February 4. Should you desire your first kids to drop at a certain date you may look on the chart and find that if the date you selected was March 1, then you should turn your bucks in about October 5. The date to remove the bucks to prevent late kids can also be estimated by the chart. A circle around the dates bucks were turned in on the chart and one around dates the bucks were removed will assist in keeping a close check on these dates.

Make Preparations for Breeding Season Early

Although the actual breeding season does not start until some time after September 1, preparation for it begins much earlier. Having enough bucks of the proper quality is very important since the maintenance or improvement of your basic flock depends upon this. These bucks must be purchased early if you are to get the number and quality that your flock needs. How many bucks per 100 does has always been a question, but most commercial breeders agree

that three is about the right number. An average well matured Angora buck has the ability to serve from 60 to 100 does in a season but you cannot depend upon this fact to insure you of a kid crop because of several reasons. (1) Does may separate in a pasture and not stay in one band. (2) Bucks may serve the same doe more than once, allowing others to go out of heat before he serves her. (3) More does may come into heat at the same time than a buck can cover. (4) Bucks may become hesitant to serve does in heat when he get tired because of too many coming in heat at the same time. The presence of other bucks will keep him active. Adequate bucks will also insure a more uniform kid crop and will shorten the kidding time. This will mean dollars saved in labor for kidding.

There are numerous breeders of registered Angora bucks in Texas from whom you may purchase bucks. There are some thirty-nine breeders and their addresses listed in the breeders directory of this magazine. Most breeders open their sales some time after June 15. Some will allow you to make selections from their entire offering of bucks. Others will have reserved certain bucks that they either intend to keep for their own breeding purposes or have entered in one of the four major registered Angora buck sales. By attending one of these sales you may purchase bucks through competitive bidding in which over 700 select bucks and a large number of does were offered in 1957.

Cull Does Prior to Breeding

Does to be bred should be selected and the culls marked. This is usually best done when they are sheared, sometime between August 1 and September 1. Early shearing is best to insure the does against chilling rains which often have caused death in late August and September to fresh-shorn goats. Because the culls may still be suckling kids they should not be separated from the main flock until the kids are weaned. Does to be culled are (1) those which do not retain fleeces of good quality to older ages;

Feeding supplements on the range to breeding bucks and does is important. The bucks must be kept in a healthy and vigorous condition if they are to serve a large number of does. Whole yellow corn or 41 percent protein cottonseed pellets are popular feed for those who like to throw it on the ground to be picked up. There is very little waste and the strong as well as the weak animals will get their share.

(2) those with extra large teats or those which have an udder that has been ruined due to spoilage, shearing cuts, or barb wire snags; (3) barren does; (4) cripples; (5) prickly pear eaters as evidenced by those with inflamed mouths; (6) poor shearers; (7) excessively kempy or coarse fleeces; (8) those with bare necks and bellies; (9) undersized, showing that they would not make good mothers; (10) aged, does which have shelly or broken horns show considerable aging physically although they may not actually be as old as some with good sound horns.

After shearing the bucks and does become more active, mending physically and putting on flesh. Some of the does may start coming in heat prior to September. All bucks, including well matured buck kids that were not castrated, should be separated from the does. The does selected to be bred should be separated from their kids about September 1, along with all wethers, cull does, and undersized yearling does. The kids should be weaned early enough so the doe will get a chance to mend before breeding.

Flush Does Prior to Breeding

The selected does should be moved to a new pasture, preferably one that has been rested from all livestock during the spring and summer months. Supplemental feed should be given them. Some breeders prefer to use a feed high in carbohydrates such as yellow corn, while others prefer one high in protein such as 41% cottonseed pellets. My preference is the pellets since the protein content of most of our range forage is lower in the fall of the year. The corn and pellets are popular range feed since they can be thrown out on the ground to be picked up. The weak as well as the strong does will get their share. Cottonseed meal is also an excellent supplement as well as ground alfalfa but they must be fed in troughs. Most local feed houses have special mixes that are also very good. The does should be given enough supplement to cause them to start gaining in flesh. About one-fourth to one-half pound per head each day is usually enough.

Does Need Worming

The does should be wormed prior to September 1 by giving either capsules or drench. The worming should be done early enough so there will be no ill effects which would prevent does breeding readily. A phenothiazine-salt mixture should be placed be-

Date of Breeding	First Kids Expected	Date of Breeding	First Kids Expected	Date of Breeding	First Kids Expected
September 1	January 26	October 6	March 2	November 5	April 1
September 6	January 31	October 11	March 7	November 10	April 6
September 11	February 5	October 16	March 12	November 15	April 11
September 16	February 10	October 21	March 17	November 20	April 16
September 21	February 15	October 26	March 22	November 25	April 21
September 26	February 20	October 31	March 27	November 29	April 25
October 1	February 25			December 4	April 30

fore the does on the range at all times as a follow-up measure. It is not a substitute for drenching, but will keep animals worm-free longer afterwards.

Bucks Need Conditioning Before Breeding Season

Whether you purchased new bucks prior to the breeding season or have your bucks on hand already they should be in condition. The services of many good bucks are often lost the first season after purchase because they are dumped onto a range without supplemental feeding. Most bucks are purchased at 16 to 18 months of age and have not fully developed even though they are of good size. A sudden change from good pen feeding to range feeding is often too abrupt. Bucks purchased should be sheared as soon as possible after receiving them so that they will gain in weight and vigor prior to breeding. Many breeders shear their bucks in July and early August. If a buck is purchased later than September 1, it may be a good practice to shear him and leave a small strip of mohair along his backbone. This practice is called capeing. Remember, Angora goats are never bred in full fleece regardless of how cold it is.

To condition a buck he should be confined in a small pasture or pen where he can be fed a well balanced ration. Although there are perhaps other rations which are better the one most commonly used is oats and alfalfa hay or oats, alfalfa hay, and cottonseed meal. He should also be wormed. Since Angora bucks are prone to fight and often get abrasions about their head and especially at the base of the horns, constant watch should be made for screwworm infestations. As soon as blood is seen on a buck's head he should be treated as a preventive measure.

Small Pastures Are Preferred For Breeding

Small pastures are preferred to large ones for the breeding of Angora goats, although good results are often had by breeding in large pastures. It should not exceed 600 acres. Small pastures enable the bucks to keep in closer contact with the does. Does may not come in heat more than twice to three times in a thirty-day period. Therefore, it is necessary for the buck

to be close at hand to serve them at this time. Putting bells on some of the strong leader-type does will assist in keeping the flock together. One bell to each thirty-five does is usually sufficient. It also enables the rancher to easily locate the animals in the pasture.

When the bucks are placed with the does they may all be turned in together or they may be placed with separate groups. Due to the rutting odor given off by the buck at breeding time the does will tend to group themselves naturally with the different bucks in the pasture.

The Angora buck will immediately begin going from doe to doe after he has been placed with them. Some of them he may approach from the head and with a quick biting-like motion, a quick chopping of the lips, and by hitting the doe with a foreleg he will select those in heat. Others he may approach from the rear, putting his head to one side of the rump and raising one foreleg, hitting the doe slightly and at the same time he will let out a series of very short and rapid bleats. If the doe is not in heat or isn't approaching the heat period she will jump quickly and run out of his way. If she is approaching the heat period she will jump and then stop, waiting for him to again repeat his leg slapping, biting, and bleating. She may stop, squat, and urinate in front of him. If she is not in heat he will continue on to other does and repeat the same procedure. When a doe is in heat she will make a very rapid sideward twitching motion with her tail which is kept up until she has been served. After the buck has found a doe in heat he may continue to tease her for five to ten minutes and even longer before she actually allows him to serve her. Young bucks may serve the same doe more than one time but older bucks usually serve only once and then move on to others. While a buck is chasing and teasing one doe others will often follow him during the entire time. Often he may serve these does easily with very little teasing. Most flocks have a peak period when more does come into heat than any other time. When this happens a buck often may serve as many as twenty does within an hour's time. This usually happens the first part of October when there is a brisk chill in the air.

Feed Does and Bucks Supplements During Breeding Period

The does and bucks should be fed supplemental feed during the entire breeding season in order to keep them in good condition. If practical, the bucks should be fed separate from the does in order for them to get more feed. At the feed grounds constant checks should be made to see that the bucks are in good condition. Often a buck may get in poor condition to the extent that he is unable to cover a doe. He should then be taken out and fed a few days in a pen or replaced with another buck.

Remove Bucks at End of Breeding Season

Bucks should be removed from the does at the end of the designated breeding period so there will be no late kids born. Kids born in May and June in range flocks usually do not mature rapidly. When marketed they bring such low prices that they aren't

Rambouillet

(Continued from page 23)

discussed performance testing to improve sheep, and Larry C. Parker, University sheep specialist, who discussed the wool improvement programs on the Port, Richard Snider, and E. B. Chatfield and Sons ranches.

* * *

It is with deep regret that I inform you of my resignation as Secretary-Treasurer, effective October 1, in order that I may devote full time to my home. I certainly have enjoyed working with and for you this past six years, and will remember with pleasure all the many wonderful people with whom I've been associated. Mrs. A. D. Harvey, your present assistant secretary, has been appointed secretary, and she has employed Mrs. Malcolm Lindsay as her assistant. Mrs. Harvey will continue the "Ramblings" column, and I urge you to help her by sending all news items possible which would help promote "the foundation breed of the American sheep industry." My most sincere wishes to all of you for your continued growth and success, both as an Association and as individual breeders.

profitable. When retained in the flock they are slow to mature to breeding age.

Follow-up feeding of the does one month prior to the birth of the first kids and during the kidding season is important. Supplemental feed will cut down the number of premature births and insure healthier kids dropped.

R. O. and D. R. Sheffield, San Angelo, Texas, have sold six registered ram lambs to Clemson College Sheep Experiment Station at Johnsonville, South Carolina.

Ranches FOR SALE

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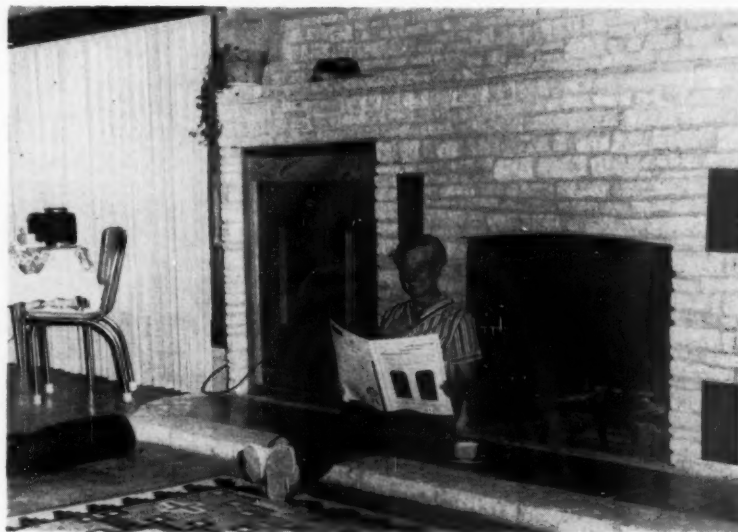
Vera drenches one of her registered goats with the aid of her husband, Clark Burrows.

GOATS ARE for women, too! If you don't believe it, just pay Vera Burrows a visit at their Barksdale Ranch. I drove up to see her operations because I'm so goat-crazy myself. As I entered the gate to the ranch I had to drive through a herd of goats gathered on the lane. I saw the Burrows' new barlite home nestled among a grove of large oak trees up on the top of a small hill. When I went in and sat down at the table for coffee with Vera and her husband, Clark, I could see all over the beautiful countryside through a huge picture window. Goats were in the pasture resting in the shade of the trees. We enjoyed our coffee and talked about goats.

Vera had been a contented, happy wife of a water well drilling contractor, until a few years ago when her husband made the mistake (or was it?) of stopping at Utopia, where there was a pen full of baby goats. Vera has been goat crazy ever since.

I can appreciate her affection for the adorable creatures for I've been crazy about them myself ever since I wrote a story about Jack Richardson's registered goats on his Suits Us Ranch. However, unlike me, Vera has done something about it. I've only been able to join your fine sheep and goat publication, where I can mix and mingle with your sheep and goats and write about them.

Vera has gotten down to "brass tacks." She inveigled her husband (whom I believe was actually as infatuated with these captivating little rascals as Vera was) into buying a ranch in the sheep and goat country at Barksdale. (Her husband carries on this drilling operations from the ranch.) Vera's next step was the purchase of 12 Pepper does "just as a hobby" she told her husband. The next thing he knew she had borrowed her neighbor's registered billy and before they both knew what was happening Vera was in the Angoat goat business. The results of that start six years ago with 12 does and a borrowed billy grossed Vera an income last year of \$4,300. A very profitable hobby! Who said goats are not for women?



After a hard day with the goats, Vera relaxes with her Sheep and Goat Raiser Magazine and a cup of coffee in front of her huge fireplace.

Vera told me, "When I started raising goats, the only thing I knew about them was that there were does, bucks, and kids, and that I was just plain goat-crazy."

I asked, "Vera, how did you learn to raise them? There must be an awful lot to raising a whole herd of them."

She said, "People helped me. They were just wonderful to help me in getting a show flock and a good breeding program into operation. I couldn't have done it without their help. I've done all the work myself, but it has taken a lot of advice and thank goodness I haven't been stupid enough not to take it. I've won many awards in shows. A few years ago at the Kerrville show I took every first place in B type class."

Vera continued with enthusiasm, "We had lived on the ranch about a year when I got my goats. Every time I'd have a problem with them I'd run up to a neighbor for advice. And gosh, it seemed everything was a

GOAT-CRAZY WOMAN TURNS HOBBY INTO PROFITABLE BUSINESS

Angora Goats Are for Women, Too

By BILLIE STEVENSON

problem! The worst one was illness. I doctored them myself on the excellent advice my friends gave me. It has really been learning by advice and experience. But it's been wonderful."

"Vera, doesn't it take up an awful lot of your time," I asked. Looking around her immaculate house, I said,

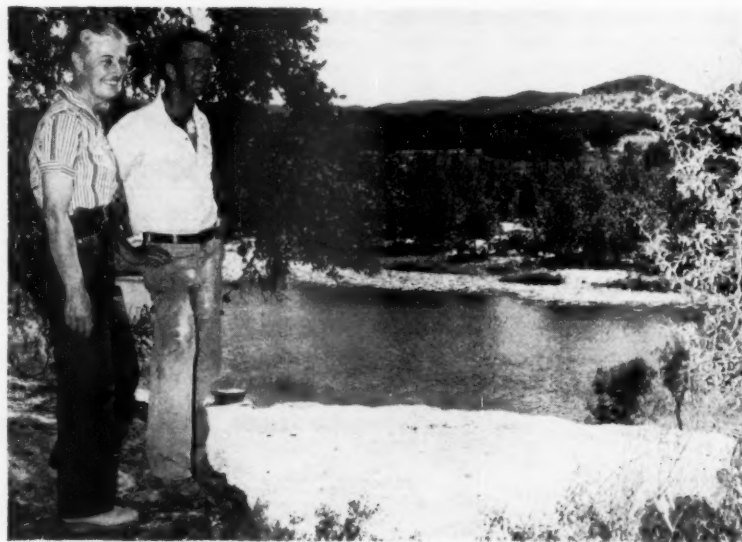
"How can you keep house and look after the goats too?"

She told me, "There was a time when I was considered a spotless housekeeper. I love to cook and keep house, but now if I have to give one or the other attention, my goats come first. They have taken most of my time during the drouth because I've had to feed them. In the fall when I remove the bucks from the does I don't have too much to do until the month before kidding. Then we start feeding once a day, according to the range."

"I kid in the pen and this is a 24-hour a day job and usually lasts about six weeks. Kidding starts about the eighth of February. We have to watch for screw worms and the hardest part is difficult births in the yearlings. I've helped in these trying births and have done all the doctoring. It hasn't been easy but when your goats are having trouble you just fly right in and do everything you can to help."

"Last year when we sheared I averaged 6¼ pounds of hair per goat. I make more money from selling my bucks though. It is an interesting and fascinating business and also a very profitable one. You ought to get some goats yourself if you like them so much. You'd enjoy it."

You know, I just may do that if I can latch on to a little piece of ground. Vera showed me—goats are for women, too!



Here Vera and Clark stand on the cliff overlooking their swimming pool below. Vera said, "There's nothing like a dip in our pool at the end of the day or early in the morning."

Researchers Test New Method of Parasite Control

MILLIONS OF sterile screwworm flies are being released in a Florida pilot test in a continuing study to develop ways to eradicate these costly cattle parasites. Procedures are being evaluated, equipment developed and tested, and personnel trained in preparation for a possible all-out regional eradication program.

USDA and the Florida Livestock Board are cooperating to fight the bluish-green fly that develops in wounds of warm-blooded animals.

Laboratory-reared screwworms are sterilized in the pupal stages with gamma rays of radioactive cobalt. As many as two million flies emerging from the treated pupae are released each week over 2,000 square miles of rangeland southeast of Orlando.

The Agricultural Research Service researchers want to introduce enough sterile male flies to cause the majority of the native females to lay eggs that will not hatch.

When this technique was used in 1954, at the Caribbean Island of Curacao, the fly population was eliminated. To eradicate screwworms in the southeast, a two-year effort estimated at \$9 to \$10 million would be required. Quarantines, inspections, and surveys would have to follow, along with necessary treatment, at an estimated cost of \$750,000 annually.

The area in the eradication zone is 25 times larger than the area now being treated, 300 times larger than Curacao. This would include most of Florida and possibly parts of Georgia, Alabama, and South Carolina.

If this control method is effective, and there is every indication that it is, it will probably be used in South Texas, the point from which West Texas and New Mexico receive their annual infestation.

TEXANS WIN IN NATIONAL WOOL SHOW

FIRST PLACE Rambouillet ram fleece in the National Wool Show at Salt Lake City, Utah, went to W. F. Berger of Sonora. Joe Berger, his father, also of Sonora, had third and fourth place fleeces in the same class.

The Berbers' fleeces placed first, second, and third, in exactly the same order recently at the Sonora Wool and Mohair Show. First place commercial fine wool ewe fleece went to Anna Rose Glasscock, and third place commercial fine wool fleece to Elsie Earwood.

Connie Locklin had the second and third place Rambouillet ewe fleeces.

OKLAHOMA RANGE MEETING

TWENTY-FIRST Annual Range Improvement Field Day will be held Wednesday, October 9, starting at 9:30 A.M. at the U. S. Southern Great Plains Field Station headquarters, one mile southwest of Woodward, Oklahoma. The general public is cordially invited.



ANSWERS—to questions often asked about feeding MoorMan's Mintrate Blocks

1. Are Mintrate* Blocks a complete feed which replaces roughage?

NO—Mintrate Blocks are completely mineralized protein feeds containing Vitamin D, specially formulated to help sheep and cattle convert range grasses and roughage into extra growth and gain. Mintrate Blocks are not intended to be a complete feed which replaces roughage.

2. Is it all right to feed Mintrate Blocks to pregnant ewes?

YES—it is an excellent idea. Start feeding even before breeding, for conditioning. Ewes fed Mintrate Blocks during pregnancy not only drop thrifter lamb crops, but are better milkers.

3. Can I feed Mintrate Blocks to ewes during lambing?

YES—Another excellent idea—especially in areas where ewes are "lambd out." Because Mintrate Blocks

are self-fed, they lessen the danger of separation of ewes and lambs at feeding time. Less disturbance means fewer abandoned lambs.

4. What is the proper rate of consumption?

Anywhere between $\frac{1}{12}$ and $\frac{1}{4}$ of a pound a day is considered satisfactory. Your MoorMan Man can tell you how consumption can be regulated.

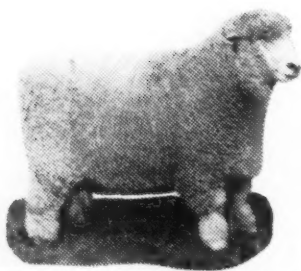
If you have other questions about MoorMan's Mintrate Blocks get in touch with your MoorMan Man. Or, if he's not readily available write or wire Moorman Mfg. Co., Dept. V-710, Quincy, Illinois.

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Central Texas Angora Sale Successful

By COL. V. Z. CORNELIUS

THE FIRST annual Central Texas Registered Angora Goat Sale and show was held Saturday, August 31, at Mills County livestock show barn. It was very successful and interesting, according to officials of Central Texas Registered Angora Goat Breeders' Association.

Judge for the show was Armer Earwood, Sonora, Texas. He placed the

first 25 bucks out of 108, consigned by 16 breeders. The buck selected grand champion was consigned by Bob Kerby, Goldthwaite. It was sold to Dr. T. C. Graves for \$250.00. This was a fine buck in every respect and many goat breeders wanted him. Bidding was fast and Dr. Graves was the successful bidder.

Reserve champion buck was consigned by Col. V. Z. Cornelius and sold to Wallace Perkins, Brownwood, for \$105.00.

Third place buck was consigned by David Watters and sold to P. C. Langford, Ranger, for \$115.00.

Fourth place buck was consigned by Glenn Nickols and sold to Kenneth Adams, La Porte, for \$125.00.

The grand champion doe was consigned by Col. V. Z. Cornelius and sold to S. D. Davis, Lometa, for \$75.00.

Third place doe, consigned by W. A. Elms and sold to Marvin Rush for \$65.00.

Fourth place doe, consigned by David Watters, sold to Dr. T. C. Graves, Goldthwaite, for \$60.00.

The 16 does were in demand and sold fast. Bidding was strong and they were a very select group of reg-

istered does. The first ten does averaged \$63.00 with the total of 16 averaging \$58.75.

The top 25 bucks averaged \$106.80 and the 108 bucks consigned to the sale averaged \$72.00 per head. The bucks were all yearlings, large in size and carried a lot of quality.

Veteran Pete Gully of Texas Angora Goat Raisers' Association, and Lem Jones did the auctioneering chore. Pete Gully, who has been secretary and the originator of the Texas Angora Goat Raisers' Association and pioneered the first registered goat sales in Texas, was well pleased with the sale. They are both authorities on quality goats and commented before the sale that the quality of these goats was excellent. The demand throughout the sale never slowed down. They sold 124 head, bucks and does, for a total of \$8,730.00.

Dr. Graves, Goldthwaite, bought a total of ten, eight bucks and two does, for a total of \$1,030.00, paying an average of \$103.00 per head.

McKenzie Brothers, Goldthwaite, bought eight bucks for an average of \$61.00.

J. H. Fleming, Stephenville, bought four head, for an average of \$102.50.

Joe Langford, Goldthwaite, bought six head at an average of \$66.00.

Wallace Perkins bought two of the better bucks at \$100.00 per head. Mr. Perkins is a new breeder of registered goats and lives at Zephyr, Texas.

J. S. Weatherby, Goldthwaite, bought three goats at an average of \$63.00 per head.

C. A. Gromatzky, Priddy, bought

THERE'S A REASON

TO THE MAGAZINE:

There is reason for everything so we are told. There is a reason why I am a Corriedale breeder and I am frequently asked why.

About fifteen years ago I decided to go partly into the sheep business and bought a small flock of grade fine wool sheep and had good results. However, there was something lacking in my anticipation which I could not fully describe, but upon reading and consulting with breeders of various types of sheep I was finally convinced to look toward the Corriedale.

I did cross breeding on fine wool with very desirable results. However, I became so interested in the pure breed of Corriedale, as to wool production, thrifty lamb crops, natural polled, the motherly instinct and acclimation of the breed that now I am totally in straight Corriedale flock business.

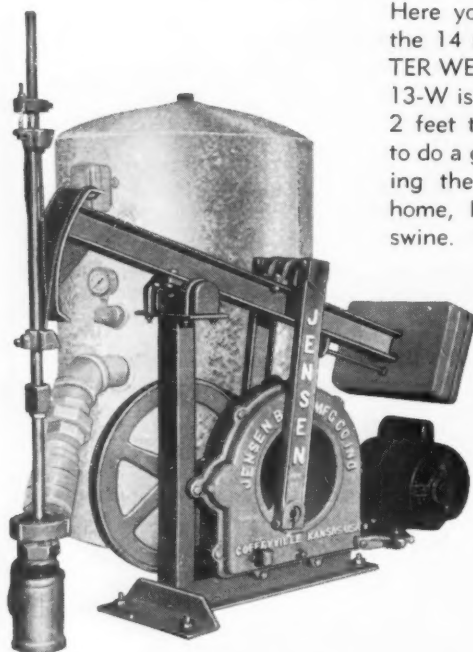
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TOP OF THE CEN-TEX ANGORA SALE

Bob Kerby, Goldthwaite, is shown holding his top selling buck of the sale at Goldthwaite. It brought \$250 from Dr. T. C. Graves, left.

Dope Sheet

Just our opinion from reading, listening and observing—Take it or leave it; no obligation.

INFLATION

INFLATION is still a source of major concern to thoughtful people in and out of agriculture. The fact is that labor is strong enough to force wage hikes regardless of the fact that more production is not gained thereby. Higher wages for industry mean higher prices to the consumer. This means that people getting fixed wages, insurance checks or returns from most investments see their dollar getting weaker and weaker.

AGRICULTURE is suffering from its inability to command comparable prices for its production. Compared to the ruthless organization of labor, Agriculture's voice is like a sick kitten mewling in a Texas tornado. All agriculture needs to organize as never before, but probably agriculture's total voice is as feeble today as at any time in history.

UP

Evidence points to price increase in most everything this fall—from two to ten percent. Clothing up; cars up; fuel up; machinery up; and a lot of other things, too. This summer may be a dandy time to do some of your bargaining.

PROTECTION?

There seems to be no perfect course to follow, say the authorities, when prices are going up. Property and other assets with no fixed value are inflation hedges. Thus, the many who are waiting for land prices to go down are liable to find that it has been their dollar in the bank which has gone down while the land prices have gone up. Real estate prices are predicted to be higher throughout the nation.

LIVESTOCK EXPANSION PREDICTED

BECAUSE of the amazing growth in our population and the increased

three bucks at an average of \$72.00 per head.

C. F. Jeske, Priddy, bought six bucks at an average of \$42.50 per head.

Other buyers included: Kenneth Adams, Marvin Rush, M. C. Jones, John G. Little, P. C. Langford, J. H. Conner, Jerry Laird, John E. Elliott, W. M. Lee, John Roberson, Olive Grief, E. C. Henry, E. L. Fisher, C. A. Heatherly, Willie L. Boykin, Claude Jones, Adolf Viertel, B. W. Edmondson, T. C. Chaney.

Also F. N. Stockton, J. D. Nabors, Earl Sturman, Dude Creek Ranch, Kenneth Head, Loyd Moseley, Gray Brothers, Gus Wilhelm, Delton Barnett, R. H. Maxwell, Lucius Jones, Kenneth Hammet, W. P. Mathews, J. F. Connell and W. E. Pruitt.

popularity of meat the livestock business is likely to expand and be more profitable. Some predict that by 1975 livestock production may not be able to fill the demand. This will mean that the 45 percent increase in livestock and livestock products predicted in the next fifteen to twenty years will not be sufficient for consumer and industry demands.

NEW CROPS

The trend is toward more crop production for industry. More and more crops are being produced for new and synthetic products, medicines and countless achievements of the test tube in an age of chemical discovery. The soy bean is an example of such a crop, the potential of which is relatively untouched.

COMPETITION

Today's revolution in industry sparked by chemical research and discoveries has developed new competitors for almost every product of the farm. With substitutes available, farm products, including wool and mohair, must be competitively priced or the product will lose its market.

AGRICULTURE FALLING BEHIND

Farmers, ranchmen and white collar workers, the aged living on their

savings, the retired, all are taking the brunt of the inflation eating at the value of the dollar of today. Comparatively speaking, the income of agriculture to keep the inflationary pace with the revenue of labor should be 17 billion dollars net instead of 11.5 billion it is getting. Out of this comparatively lower income agriculture must pay more for everything, interest rates, machinery, automobiles, food and so forth—a tribute to the autocratic business corporations and the unreasoning and immoral labor leaders.

MAGAZINE INTRODUCES NEW CHEMICALS

New agricultural chemicals enter the awareness of farmers and ranchers to a greater extent through magazines such as the SHEEP AND GOAT RAISER than through any other way, according to a recent national survey. The magazines do almost twice as good a job as the next best medium.

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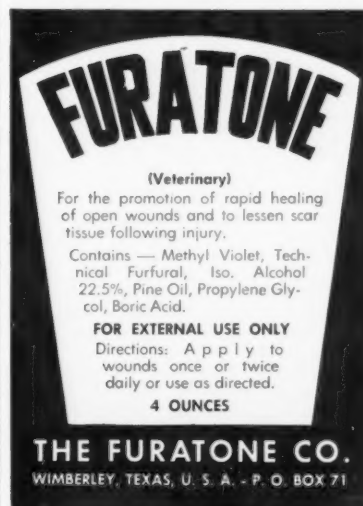
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The Cattle Situation

By ELMER KELTON

THE CATTLE price slump which some quarters had been predicting all summer finally came in September. Fat cattle sparked it and led it. Heavy stocker and feeder cattle also took a

trimming. Lightweight feeder calves got through in the best shape. They were harder to sell than they had been, but when a buyer could be found, he would pay about as much as ever.

Most of the good strings of reputation cattle were contracted earlier in the summer, but as always, there are more calves around in the fall than stockmen will admit to having thought. The price slump brought some of them out of hiding. But short livestock numbers and rains over much of the cattle country had ranchmen more independent than usual. If they didn't like the price, most of them had good-enough winter prospects that they weren't forced to sell. Especially heifers.

At the end of September there were still a few scattered sales of good light steer calves at 24 and 25 cents a pound. But, as Joe Lemley of San Angelo put it, where it just took one call to sell that kind in July, it took four or five to sell them in September.

One factor affecting the Texas calf market was the fact that good summer pastures had made the calves heavier than usual this year, some of them being on the yearling order too early. With the beginning of September, many quality lightweight calves from the mountain states were going to Midwestern feeder markets and competing.

As quoted by Joe Lemley, here were the country prices late in September: heavy heifer calves 20 to 21 cents a pound, heavy steers 22 and 23 cents; light heifer calves about 22 cents a pound, light steers 24 and 25 cents.

Most buyers were much busier receiving calves on contract than in trying to buy new strings of cattle. Most contracts in the San Angelo area were for delivery in September and October.

Most slaughter classes of cattle were selling at about \$2 cwt. less than they did a month earlier. Generally, Southwestern markets were selling fewer cattle than a year ago, but major markets elsewhere had normal numbers.

Here is a typical San Angelo auction report: fat bulls, \$15 to \$16.50 cwt., medium \$11 to \$15; fat calves and yearlings, \$17 to \$21, medium \$14 to \$17, plain kinds \$11 to \$14; fat cows, \$12 to \$15, medium \$10 to \$12, canners and cutters \$8 to \$10; stocker steers, \$15 to \$23.50; stocker heifers, \$15 to \$21; stocker cows, \$9 to \$14; cows and calves, \$90 to \$170 pair.

It was interesting that hog prices were declining right along with cattle. A San Angelo hog top was \$19.60 per hundredweight.

An Illinois cattle feeder, Emil Schiesser of Babson Farms, DeKalb, said while visiting San Angelo that it seemed a big percentage of the feeder calves bought here at strong prices through the summer remained in the hands of speculators, rather than going on to feeders. If this was true, he added, some of the specu-

lators were in a position to be badly hurt.

Schiesser declared that the strong prices of the summer never were justified by the fat market in the Midwest. His firm, for instance, was selling fat heifers at 21 cents a pound on the farm at the same time replacements were being offered in Texas at 22 and 23 cents. It sold 1,050-pound fat steers in Chicago at 23½ cents while feeder cattle here of the same quality were drawing 25 cents.

Incidentally, Schiesser bore out what such order buyers as E. W. Nicodemus have often said here about Midwestern feeders going strongly on the reputation of a string of feeder calves, as well as its looks. He said his firm feeds both Angus and Herefords and finds that there is much more difference in feeding quality within each of the breeds than there is between the breeds themselves. The ability to do a good job in the feedlot is inherited. It depends much more on breeding than on breed.

* * *

First purebred cattle sale of West Texas for the fall season was a little disappointing. In the Texas Polled Hereford Association state sale at Abilene, 18 bulls averaged \$288, 16 females \$255 and all 34 head \$279.

Top price was \$675 for the champion bull, VGHF Domestic Mischief 121st, consigned by John Will Vance of Coleman. Buyer was George Campbell's Flying G Ranch, Sand Springs, Oklahoma. Reserve champion bull, Anchor Domestic Mischief 80th, sold for \$400 to Booth Warren of Merkel from W. F. Bowman of Houston.

Hugh H. White of Keller sold a female, Lady Silver Anxiety, for top price of \$385 to John Curry of Plainview. Ollie Newman of Mart sold Callie Anxiety 3rd to H. J. Hurst of Port Neches for \$375.

The prices were better than they have been in the last couple of drouthy years but not so good as sponsors had hoped in view of vastly improved pasture conditions.

* * *

Mexican cattlemen are expected to begin buying U. S. cattle again soon under a new U. S.-Mexico cattle loan program. The program will be much like that of the 1956-57 season, with a couple of big and important differences.

As explained by Bert Reyes, field representatives of the Texas Hereford Association, those differences are these:

Mexican stockmen will be allowed to buy cattle anywhere in the United States, instead of being restricted to drouth-stricken Southwestern states as they were in the previous program.

There will be no limit on the percentage of the money to be spent on dairy cattle. Last year, a majority of the money was required to go for beef animals. Reyes said reports he hears indicate that the demand for dairy cattle is stronger in Mexico these days than that for beef cattle.

These points would indicate that

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MISS MOHAIR BOOTED OUT

Miss LaVerne Johnston, "Miss Mohair," is shown trying on her beautiful "Miss Mohair" boots presented her by M. L. Leddy and Sons of San Angelo. Jim Franklin of the Leddy firm is observing the fit which LaVerne says is "perfect." Miss LaVerne has her own registered herd of Angora goats on the Johnston ranch near Junction. She is a Junior in Texas University.

Texas won't get so much of the Mexican cattle money as it got before.

Reyes said some Mexicans who have been regular buyers of Texas cattle through the good and the lean years complained that the loan program worked a hardship on them. By putting many more Mexican buyers into the market in competition with them, they said, it ran up the price of the Texas cattle. One big Mexican buyer this year reported being asked \$450 for bulls which he bought last year for \$300. The ranchman's reason for the boost in price?

"If you don't buy them, I'll sell them to another Mexican cowman at the price I'm asking."

Some hundred registered bulls were sold by Panhandle Hereford breeders late in August and early in September, all to Mexican buyers. However, these buyers were financing their own operation, rather than drawing on the U. S.-Mexico loan fund.

A cheerful note comes from Fort Collins, Colo., where a spokesman for Doane's Agricultural Service told the Colorado Cattle Feeders Association that all indications point toward higher fat cattle prices in 1958. Speaker was Forest Goetsch, director of publications for the agricultural market forecasting service.

He said lowest period should come during March.

He also predicted a lower feeder calf market during October, followed by some increase in November. This should be a heavy feeding year because of the distribution of good corn and milo crops over the country, he commented.

RAIN

HEAVY RAINS the last week of September covered practically all of the range country of Texas with South Texas getting flood-making downpours. West Texas was fortunate in getting beneficial, slow rainfall up to four inches in some areas but averaging, possibly, one inch. Far West Texas received scattered benefit.

A 50,000-pound sale of fall mohair, grown, has been reported by the J. D. Varga Warehouse of Rocksprings to Forte, Dupee, Sawyer Company, Boston, at 86 cents per pound.

Some heavy losses in shorn Angora goats have been reported in areas of West and Southwest Texas from late September rains. Most losses, however, were minimum and losses in lamb flocks were light.



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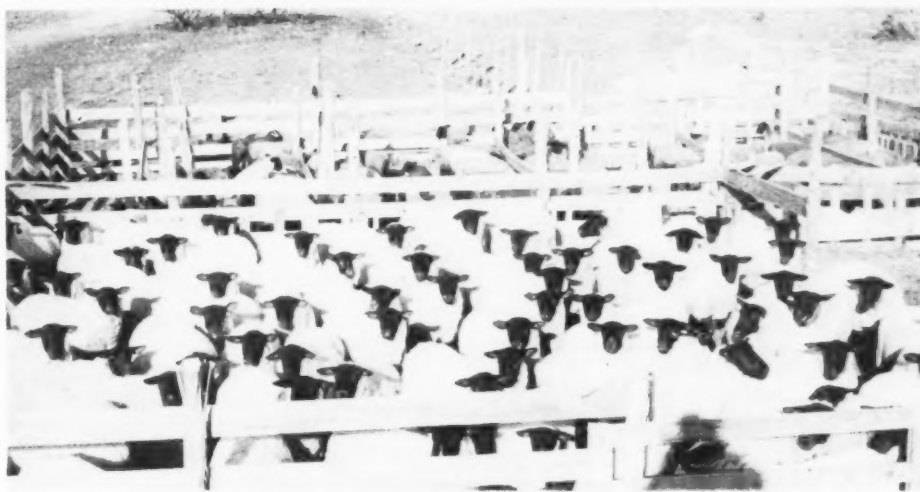
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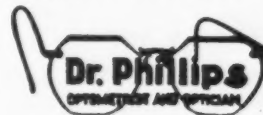
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Published monthly at
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1. The names and addresses of the publisher, editor, managing editor, and business manager are: Publisher, H. M. Phillips, San Angelo, Texas; Editor, same; Managing Editor, none; Business Manager, Mrs. Lucille Chapman, San Angelo, Texas.

2. The owner is: H. M. Phillips, San Angelo, Texas.

3. The known bondholders, mortgagees and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities are: None.

H. M. PHILLIPS, Editor
Sworn to and subscribed before me this 10th day of September, 1957.

(SEAL) Lucille Chapman, Notary Public in and for Tom Green County, Texas

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Texas Delaine News

By MRS. G. A. GLIMP

THE SHEEP market over Texas is unusually good, and the demand for better quality sheep is most encouraging. Many people realize that it is no longer quantity that counts as much as the quality. This has really been thoroughly tested the past dry years, when numbers had to be reduced very drastically. Some, perhaps for the first time, actually gave precedence to the quality of their flock. This should be maintained at all times, and then and only then, will we be able to attain the success our industry so rightfully deserves. Don't let the urge to graze the grass you have been waiting for so long obsess you and you fill pastures with sheep that belong on the market!

Good Year

This has been one of the best years for good rams our association has known. Most breeders sold early, and in many instances the demand was

greater than the offering. The better quality rams went first, and inquiries are still for good rams. This is a most encouraging trend, and one the breeders should take into consideration in caring for ram lambs that will be your offering another year. The price depends a lot on what we have to offer, so let's make them good.

Abilene Show

There was a nice showing of Delaines at the Abilene Show, and several breeders went for the first time. Donald Bradford had both champions, and Owen and Harold Bragg the reserve ram, and Annette Duncan the reserve ewe. We congratulate these breeders on their achievement.

Ohio Show

Clyde Glimp and family are back from a most enjoyable trip to Ohio, where Clyde had the privilege of judging the largest Delaine show he had ever seen. We might add, the largest by far we have known. There were 399 entries in the Delaine-Me-

rino division, and this proved quite a task to Clyde to select the top sheep. He said one of the best fitted flocks shows was that of S. K. Lovett, who is now 80 years past and will be remembered by the Texas breeders when some of our original flocks were started here. Also, some of the other older breeders whose names trace back in bloodlines of Texas flocks are those of Deeds, Vandervort, and Link. Clyde stated that years had cut down on agility of body but not on perception of quality in sheep, and they were still very alert and ready to talk good sheep. The 4-H Club boys were really on the job, and Clyde said not once could he find them loafing. Some of the names he remembered best were John Jewell and the Jack Brothers. He stated the champion ram exhibited by John R. Ryant was one of the best Delaines he had seen and truly deserved the honor.

Ohio has a class of in- and out-of-fleece that was most interesting for Clyde and might be beneficial to Texas breeders. They also weigh the top five sheep in each class and keep records on them for three years.

The Texas breeders appreciated

the invitation extended them by the Ohio Fair Association to exhibit with them, and we feel this would have been most enlightening to both associations in comparing types, quality, and any progress that is beneficial in the promotion of our breed. This was a great experience for Clyde, and the breeders of Ohio were most complimentary on the thorough, conscientious job he did of judging their show. We offer congratulations to Clyde, Mr. Ryant on his champion ram, and Mr. Osborn on his champion ewer, and the other breeders in the association for the interest shown in exhibiting so many fine animals.

Sheep Short Course

We sincerely hope many of the breeders are planning to attend the Sheep Short Course at Texas A. & M. College on October 21-22. This will be most enlightening, and everyone who can possibly do so should plan to attend.

Hamilton Choat will soon be able to sit back and let the grandsons show him how to show his sheep. Another little boy came to make his home with the Jerry Choats.

Edward Lange thinks daughters

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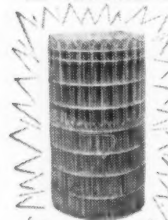
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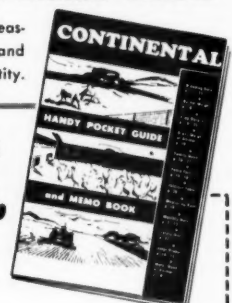
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can be of invaluable help around sheep flocks, too, and the Langes have a new daughter to assist them with theirs. We congratulate both families on these arrivals.

Registration

There is a reminder that should be heeded by all members of this association. All sheep that are registered on or after January 1 will be issued individual certificates, and the fee will be \$1.00 per head. The first transfer of this sheep is included in this price, but each transfer thereafter will be 25c per head. This certificate will be similar to that issued by the Rambouillet Association.

Burnet County boys under supervision of W. H. Pittard, V. A. instructor of Bertram; James C. Sawyer, County Agent, and Tom Henry, V. A. instructor of Burnet, purchased breeding ewes, ewe lambs, and one or more ram lambs from Joe LeMay. Billy Wallace, Larry and Grover Davidson, Bertram; Bill Sawyer, David Garrison, and Joe Weisinger of Burnet, are the boys making these purchases, and we wish for them every success and are most happy to see this program off to a good start in Burnet County.

Please Mention This Magazine
When Answering Advertisements



CLYDE GLIMP

MALE HELP WANTED

RANCH MANAGER

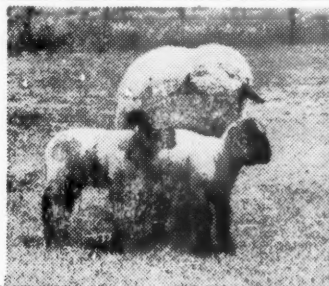
Capable of handling large goat and cattle ranch. Give references and contact P. O. Box 7001, Houston 8, Texas.

Bred Suffolk Ewes for sale.

Registered and papers furnished.

T. R. HINTON

Phone Bu-7-2021 Keller, Texas



The money is in a BETTER LAMB CROP

Red Chain VITA-RANGE Nuggets have long been the favorite of successful sheep producers. They know that ewes kept in top condition by proper feeding of the superior Red Chain VITA-RANGE do produce a better lamb crop and top quality fleece.

- Keeps ewes in breeding condition
- Ewes produce bigger, healthier lambs
- Ewes have less lambing trouble
- Lambs are thriftier, gain faster
- Ewes give more milk
- Over-all feeding cost is reduced

Red Chain VITA-RANGE Nuggets contain 20% balanced proteins . . . are fortified with stabilized vitamin A, which is essential to breeding and reproduction are

- Low in fiber
- High in digestible carbohydrates
- Made in easy to feed 3/8 in. nuggets
- Low in feeding waste

START FEEDING EWES BEFORE
THEY BEGIN TO LOSE WEIGHT.
A LITTLE GOES A LONG WAY.

Ask Your RED CHAIN Dealer

An Honored Name for More Than a
Third of a Century
UNIVERSAL MILLS Fort Worth, Texas



Why Pay More For Color?

RESULTS ARE WHAT YOU WANT

This is a quotation taken from DuPont
Technical Bulletin No. 5 — Phenothiazine:

"Phenothiazine N. F. Powder is a finely ground light gray-green powder, insoluble in water. It meets National Formulary Specifications, and has a minimum freezing point of 179 C. Being an unmodified form of the drug, this grade is the most widely used and is suitable for making drench suspensions, boluses, capsules, or mixing with feed, salt, or minerals."

"Phenothiazine N. F. Purified is the same as Phenothiazine N. F. Powder except that it is light yellow in color and contains fewer impurities. Purified phenothiazine is equivalent, pound for pound to Phenothiazine N. F. Powder in anthelmintic effectiveness. Some users prefer the purified phenothiazine because it can be made into specialty products such as "pink drench."



S-W Drench has been manufactured for nearly 20 years from the highest quality ingredients for best results and at the most economical price possible.

For anthelmintic effectiveness we believe you can buy none better than S-W Green Special and S-W Regular Drench.

See your dealer or call us

Southwestern Salt and Supply Co.

Box 421 Phone 6736 San Angelo, Texas

SAN-TEX

B-J Mineral Mixture

IS THE MINERAL WITH THE **Ability**

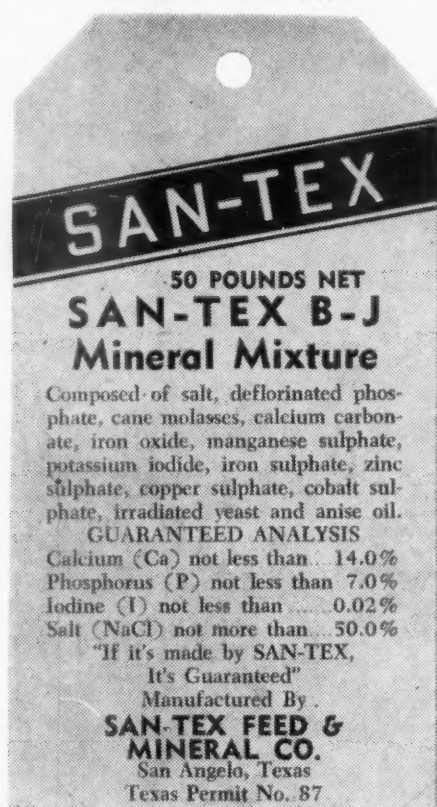
TO DO THE JOB FOR WHICH IT IS PURCHASED

AvailABILITY — The phosphorus in SAN-TEX B-J Minerals is derived from the most Available Source, thereby insuring the ranchman that his livestock are actually getting the intended benefits.

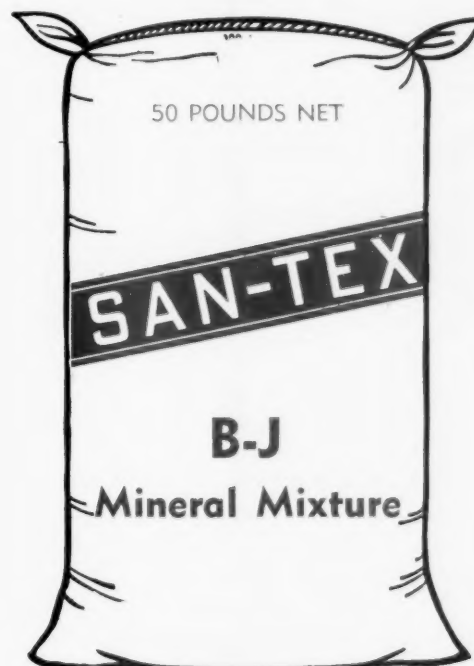
PalatABILITY — The absence of objectionable odors and the addition of molasses and anise oil assure that the livestock will have no hesitation in eating their requirements of SAN-TEX B-J Minerals.

BlowABILITY — Granulation, and weather-proofing eliminate unnecessary blowing and sifting of SAN-TEX B-J Minerals, giving the ranchman and his livestock full benefits of the Mineral-Salt Mixture with the most **ABILITY** of any on the market today.

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Phone 7600